

CUMULATIVE SUBJECT AND AUTHOR INDEX

Beginning with Volume VI, No. 4, *Masters Abstracts* added a Cumulative Subject and Author Index for Issues 1-4 of each volume. Following the five-year Cumulative Subject and Author Index for Volumes I-V; we are planning on a second one for Volumes VI-X. These will be prepared every five years.

The index is arranged in two main parts, subject and author. The subject index is arranged alphabetically by author under each subject, and it includes the title along with volume, issue, and page number. Thus: X/2/30 is to be read as Volume X, issue number 2, page number 30. The user is thus referred to the actual issue which contains the published abstract and all pertinent information including the order number.



CUMULATIVE SUBJECT INDEX

AGRICULTURE, General

Crowder, James David. A study to determine the quantity and quality of training received by beginning teachers of vocational agriculture in Area VI of Texas.

M-5174 XII/1/1

AGRICULTURE, Animal Culture

Gibson, Douglas Brandt. The effect of extirpation of a portion of the prosencephalon on behavior of the chick embryo.

M-5606 XII/3/183

AGRICULTURE, Forest Recreation

Floyd, William Robert. Selection and evaluation of land resources for outdoor recreation areas adjacent to a proposed reservoir.

M-5556 XII/2/81

Lacewell, Lawrence Clint. An analysis of socioeconomic variables on the outdoor recreational activities of civic group members in an east Texas town.

M-5188 XII/1/1

Squire, Gregg R. Campground usage and user attitudes in the Allegan State Game Area, Allegan County, Michigan.

M-5245 XII/1/2

AGRICULTURE, Forestry & Wildlife

Bates, Walter Grady. Determining ground location of an airborne laser profiler.

M-5168 XII/1/2

Beard, Erik Reed. The state of communication with an environmentalist group regarding forest land-use management.

M-6208 XII/4/341

Bhat, Ajaz Ahmed. Variation and genetic control of morphological characters in seedlings from shortleaf, loblolly and suspected loblolly x shortleaf pine hybrid parents.

M-6210 XII/4/341

Bryson, Jr., Hoy Lee. Early survival and total height, and foliar analyses of eleven tree species grown on strip-mine spoils in Freestone County, Texas.

M-5550 XII/2/81

Denniston, IV, Joseph Faries. Some characteristics of emergence, flight, and response behavior of three species of southern *Ips* bark beetles (coleoptera: scolytidae).

M-5555 XII/2/82

Denniston, Virginia J. *Ips grandicollis* aggregating pheromone: site of production and components produced in response to juvenile hormones.

M-5178 XII/1/2

Florence, Larry Zack. Relationship of parental morphology to fusiform rust resistance of introgressed east Texas shortleaf and loblolly pine progenies.

M-6214 XII/4/342

Hogan, Clifford Thomas. Stomatal opening, transpiration, and needle moisture content in loblolly pine seedlings from two seed sources.

M-6218 XII/4/342

Lan, Edward Jeng. The effects of tree dominance on the specific gravity and the relative amounts of carbohydrate and lignin in wood of loblolly pines.

M-5189 XII/1/3

McCarty, Jr., Harry James. Characteristics of planted loblolly pine in four physiographic regions.

M-5192 XII/1/3

McKinney, Thomas Charles. Multi-product volume and weight prediction of truckloads of pine tree length stems.

M-5560 XII/2/82

O'Loughlin, Timothy Charles. Cone characteristics and seed yield in a jack pine breeding orchard. M-6078 XII/4/342

Shinn, Kun Ho. Predicting specific gravity at various stem heights in plantation-grown loblolly pine trees in the interior West Gulf Coastal Plain. M-5564 XII/2/82

Smoyer, Franklin Ronald. A model for the prediction of lightning-caused forest fires and for the effective allocation of fire control forces. M-5740 XII/3/183

AGRICULTURE, Plant Pathology

Davies, Garry. Response of loblolly pine (*Pinus taeda* L.) seedlings from two seed sources to favorable and unfavorable moisture regimes. M-5553 XII/2/83

AGRICULTURE, Soil Science

Schwarzbach, Jr., Joseph B. Effects of land disposal of pulp mill effluents on plant nutrient uptake and element balance. M-6226 XII/4/343

AGRICULTURE, Wood Technology

Lee, Ming-an. The effects of prescribed burning on specific gravity and relative amounts of carbohydrate and lignin in loblolly pine wood. M-5559 XII/2/83

AGRONOMY

Bashandi, Mohab Moh. H. Studies on photoperiodic responses of mungbean, vigna radiata (L.) Wilczek, varieties. M-5271 XII/1/3

Elmigri, Mohamed R. Coleoptile and culm length relationships in standard and semidwarf wheat (*Triticum aestivum* L.) varieties and progenies of crosses among them. M-4506 XII/1/4

ANATOMY

Tate, Emmett Lee. Age-dependent decreases of mitochondrial cristae in liver and left ventricle of the mouse. M-5825 XII/3/184

ANTHROPOLOGY

Anderson, Nain E. Origin of the St. Johns archaic. M-5850 XII/3/184

Bellinger, Terry Richard. Micro-environmental adaptation in the Sierran foothills. M-5417 XII/2/84

Bodfish, Mildred Ethridge. Lima's barriadas: implications for social change. M-6337 XII/4/343

Concha Sanchez, Jaime Humberto. Desarrollo económico y estructuras sociales: estudio de la influencia de la evolución económica sobre las estructuras socio-culturales, en el caso de las comunidades campesinas Colombianas. [Spanish Text] M-6238 XII/4/343

Crist, Michol Lynn. On the education of the physical anthropologist. M-6396 XII/4/344

Gibson, Gerald Lee. The economic basis of Indian migration and adjustment to the city. M-5276 XII/1/4

Jacobs, Jr., Michael Collins. Bhikku Buddhadasa: a Thai Buddhist and the psycho-social dialectic of cultural evolution and transformation through religious reformation. M-5730 XII/3/184

Kelly, John Lynn. China diggings, Ca-Mad-173: an archaeological site in the upper Sonoran life zone of the Sierra Nevada. M-6417 XII/4/344

Kreiss, Laura Amy. Innovative educational programs on the Navajo reservation. M-5521 XII/2/84

Mc Gregor, Archie James. A ceramic chronology for the Biscayne Bay region of Southeast Florida. M-6241 XII/4/344

Merchant, Virginia Lucille. A cross-sectional growth study of the protohistoric Arikara from skeletal material associated with the Mobridge site (39WW1), South Dakota. M-5447 XII/2/84

Naranjo, Betty Ann. Happiness, happenings and chaos: an analysis of the political structure of a small group. M-5378 XII/2/85

Nathan, Michele. The linguistic relativity hypothesis. M-5305 XII/2/85

Olah, John Albert. An investigation of ethnographic and archaeological political structure in southeastern United States. M-5712 XII/3/185

Pinder, Jr., Raymond E. Capital-domains and labor-domains: an extensive approach to the study of peasant society. M-5713 XII/3/185

Prickett, Rebecca Ellen. The North American Indian vision quest: a ritual of status transformation and validation. M-5759 XII/3/185

Sanceau, Kathleen Hazel. Indoctrination and reform: a study of a juvenile residential detention center. M-6186 XII/4/345

Sanchez, Janet Hoard. Political incorporation in Ethiopia, 1875-1900: the Gurage, Jimma and Limmu-Enarea. M-6001 XII/3/186

Schmidt, Lynn Woodworth. An investigation into the origin of a prehistoric palauan rock art style. M-5396 XII/2/85

Sullivan, Shaun Dorsey. Archaeological reconnaissance of Eleuthera, Bahamas. M-5795 XII/3/186

Tadlock, Gloria Jean. Economic systems model for the Owens Valley Paiute. M-6384 XII/4/345

Truby, Thomas James. Politics and the package deal: an analysis of the maximization of values in a new town development process. M-5475 XII/2/86

Varner, James Alan. Syncretic revitalization: an approach to acculturation. M-5771 XII/3/186

Viramontes, Maria de la Cruz. Creating a stereotype: a study of the Chicano. M-6192 XII/4/345

Wright, Thomas Harvey. Locational analysis in the Santa Ana Mountains. M-6029 XII/4/346

ASTROPHYSICS

Porter, Alan George. Calculations on general relativistic polytropic spheres near $n = 5.0$. M-6425 XII/4/346

Rynne, Timothy Michael. A study of shock and detonation waves in dense stellar material by characteristics. M-6246 XII/4/346

BACTERIOLOGY

Cash, Howard Allen. A study on the serological relationships of various fractions of *Pseudomonas aeruginosa*. M-5633 XII/3/187

Harris, Mary Anne. Analysis of the Trinity River coliform and streptococcus bacteria as indicators of fecal pollution. M-5183 XII/1/5

LaBay, Jr., Joe Edward. The distribution of pathogenic *Pseudomonas aeruginosa* in sewage. M-6297 XII/4/347

Lehman, Linda Pauline. Susceptibility of *Neisseria gonorrhoeae* to penicillin, tetracycline, and spectinomycin dihydrochloride. M-5755 XII/3/187

Yuan, An-Ping. Role of selected antiseptics in producing skin asepsis.

M-5273

XII/1/5

BANKING

Arthur, Dennis R. Measuring the performance of managerial personnel.

M-5496

XII/2/177

Bailey, William R. A management assistance approach for banks making high risk loans to black owned businesses. M-5483 XII/3/339

Bigney, Brian L. Rhode Island Hospital Trust National Bank ecology action plan. M-5484 XII/2/177

Calverley, Jr., Charles A. The treatment of antiques and objets d'art in estates and trusts. [Abstract Not Available] M-4806 XII/2/177

Cochran, John R. A program for appraising managers. M-5497 XII/2/178

Gilbert, Jerrold. Development in the treatment of restricted stock. M-5485 XII/2/178

Grayson, Marc B. The need for banking offices in metropolitan Chicago. M-5486 XII/2/178

Hawkins, Jr., R. Franklin. Measuring the performance of managerial personnel. M-5498 XII/2/179

Lee, Robert E. Regional check processing centers—an interim step to electronic payments. M-5487 XII/2/179

Luce, Peter D. A study of group banking in New York State. M-5488 XII/2/179

Marley, David E. The role of marketing planning in a large commercial bank. M-5489 XII/2/180

Martin, John C. Effective management of bank EDP projects. M-5490 XII/2/180

Niedergerke, Larry R. The antitrust aspects of bank mergers and holding company acquisitions. M-5491 XII/2/180

Ozog, Edward J. The agency market. M-5492 XII/2/181

Shade, Michael J. Plastic money: evolution and impact of a point-of-sale electronic funds transfer system. M-5493 XII/2/181

Smith, John O. The development of the annual retail marketing plan. M-5494 XII/3/339

Turley, Jr., Harold E. Financing specialty contractors. M-5495 XII/3/339

Wallace, Jr., Edwin C. Measuring the performance of managerial personnel. M-5499 XII/2/181

BIOCHEMISTRY

Akhtarzandi, Bijan Morad. Elucidation of mechanism of resistance to methotrexate with respect to methotrexate's transport and site of action during its metabolic utilization.

M-5726 XII/3/188

Banka, Carole Lynn. Lysosomal hydrolase activities in cultured skin fibroblasts from patients with Huntington's disease. M-5310 XII/1/6

Hulbrock, William Henry. Affinity chromatography of the 30S ribosomal subunit. M-5945 XII/3/188

Khamwiwathna, Vinich. Further purification and characterization of triple-stranded bovine DNA. M-6361 XII/4/347

Lupas, Cornelia Bagiu. Unfolding of hydrolyzed 30S ribosomal subunit of *Escherichia coli*. M-5371 XII/2/86

Panich, Panom. Nucleoprotein fragments of the 50S ribosome. M-5382 XII/2/86

Saunders, Gergory Charles. The chemistry of protein-protein interactions: evidence for participation of lysine in the subunit contact regions and assembly mechanism of rabbit muscle aldolase. M-5763 XII/3/188

Sharma, Somesh Datt. Binding of aminoacyl-tRNA to bacterial ribosomes. M-5240 XII/1/6

Sheeran, Robert Bryan. The superiority of magnesium DNA over sodium DNA as primer-template in the *in vitro* DNA polymerase-I reaction. M-6430 XII/4/347

Sirirangkamanont, Aranong. Studies on the structure of 23S RNA. M-5392 XII/2/87

Snapka, Robert M. Isozymes and *in vivo* activity of triosephosphate isomerase. M-6317 XII/4/348

Tehrani, Abolghassem Yoosef. Temperature dependence of the oxygen affinity of unbuffered human hemoglobin. M-6434 XII/4/348

BIOLOGY

Allen, Paul V. Isozyme patterns of lactate dehydrogenase in developing *Ambystoma maculatum*. M-4963 XII/1/6

Al-Wardi, Hanaa Fethi. The incidence of Trichomoniasis in the Long Beach area. M-5876 XII/3/189

Appy, Ralph Grant. The air sinus flukes, genus *Nasitrema* (Trematoda: Nasitrematidae), in porpoises from the Eastern Pacific. M-6032 XII/4/348

Baker, Johnny Ray. The fantail darter *Etheostoma flabellare* rafinesque in the Salt River drainage, Kentucky. M-5802 XII/3/189

Bell, Margaret Elizabeth. The effects of temperature acclimation at the neuromuscular junction in the frog, *Rana pipiens*. M-5169 XII/1/7

Bellmar, Richard Kent. Characteristics of blood glucose in the striped shore crab, *Pachygrapsus crassipes*. M-5340 XII/2/87

Boley, Hal David. Karyology of the Columbidae and other birds. M-6338 XII/4/349

Boulware, Delores Pitts. Tests for the *in utero* immunoselection of incompatible backcross progeny. M-5727 XII/3/189

Bouton, Rebecca Kyle. Peripheral modulation of chemosensory activity in the spiny lobster, *Panulirus argus*. M-5851 XII/3/190

Budd, Thomas William. Development of behavioral patterns in the golden hamster: laterality preference and circadian rhythms. M-5869 XII/4/349

Cadzow, Norman Glenn. Observations of pouch environment and behavior of pouch young of the Virginia opossum. M-5902 XII/3/190

Campbell, Michael D. The effects of dilute copper sulphate concentrations on selected aquatic invertebrates. M-6121 XII/4/350

Conlin, Alexander Patrick. The effect of temperature and nutrition on the growth and sclerotial formation of *Sclerotium rolfsii*. M-5914 XII/3/190

Cummings, Susan Gail. Zoid regression in *Schizoporella unicornis floridana* (bryozoa, cheilostomata). M-5444 XII/2/87

De Jong, Theodore Morris. An analysis of the richness and evenness components of three diversity indices. M-5256 XII/1/7

Dills, Steven S. Separation of the membrane associated L-malate and reduced nicotinamide adenine dinucleotide dehydrogenases of *Micrococcus lysodeikticus*. M-5218 XII/1/7

Edwards, Douglas N. Estrogenic effects of o,p'-DDT on the reproductive tract of the female prairie vole, *Microtus ochrogaster*. M-6254 XII/4/350

Erdmann, Deanne Bills. The anatomy of the circulatory system of *Reithrodontomys fulvescens* with comparisons to *Sigmodon hispidus*. M-5179 XII/1/8

Ernst, Jr., Arthur J. Studies on developing chicks treated with *Atlantorhynchus glandulosa* leaf extracts. M-5732 XII/3/191

Fisher, William Stephen. Magnesium binding to protein and phospholipid complexes in rat liver mitochondria. M-5435 XII/2/88

Fogg, Karen Lee. Microhabitat selection and related biology of the granite night lizard. M-5108 XII/1/8

Foley, Eugene Donald. Phase conversion of the zonation rhythm in *Penicillium diversum* by ultraviolet light. M-5346 XII/2/88

Forthman, Carol Ann. The effects of prescribed burning on sawgrass, *Cladium jamaicense* Crantz, in south Florida. M-4943 XII/1/9

Fowler, Jo Ann. Studies on nitrate reductase in soybean callus tissue. M-4540 XII/1/9

Fuller, Jr., Alfred Lee. A study of cellular immune interactions involving a mastocytoma tumor of DBA/2 mice. M-6175 XII/4/350

Goff, Madison Lee. The genus *Odontacarus* Ewing (acarina: trombiculidae) in North America. M-5353 XII/2/88

Guilmette, Jr., Joseph Edward. The role of early experience in establishing food preferences in the ring dove. M-5935 XII/3/191

Hartz, Raymond Weston. Oxygen consumption of the least shrew, *Cryptotis parva*, in captivity. M-6257 XII/4/351

Heacox, Albert E. The histology and histochemistry of the poison-gland complex in the polychaete *Glycera dibranchiata*. M-6051 XII/4/351

Hein, Ellen Yvonne. An autoradiographic study of changes in mitotic activity of limb and intestinal tissues during limb regeneration of adult *Triturus viridescens*. M-6052 XII/4/351

Hilkevitch, Alex Nicholas. Sexual differences in foraging behavior among white-headed woodpeckers. M-5358 XII/2/89

Hill, John McKinley. Distribution and diurnal cycle of dissolved and particulate organic carbon in the Patuxent River, Maryland. M-5454 XII/2/89

Hill, Leland Ray. A seasonal environmental study of the polychaetous annelids within the Long Beach Naval Station and Shipyard, Long Beach, California. M-5940 XII/3/191

Hong, Susan Lee. Eastern Pacific fishes of the genus *Haemulon* (Pomadasytidae). M-6272 XII/4/352

Hufstader, Richard Wayne. Structure and function of southern California grassland on north and south slopes. M-5786 XII/4/352

Jackson, Ramon Lear. A study of the amphibians and reptiles of the Stephen F. Austin Experimental Forest. M-5186 XII/1/9

Johnson, Wayne Douglas. The bioenergetics of the barn owl, *Tyto alba*. M-6349 XII/4/352

Kechter, Miles Douglas. Microhabitat selection in the Yucca night lizard *Xantusia vigilis* as related to temperature and moisture. M-5754 XII/3/192

Kelly, Dennis Lyle. Aspects of the reproductive ecology of three solitary ascidians, *Ciona intestinalis* (L.), *Styela plicata* (L.), and *Styela clava* (H.), from southern California. M-5289 XII/1/10

Kemp, Michael Harry. Adaptations of house sparrows, *Passer domesticus*, to stressful environments. M-5366 XII/2/89

Kiehl, Bryan Leslie. The clinical applications of reverse transcriptase for the early detection of cancer. M-5615 XII/3/192

Knight, James Leonard. The stimulation of recombination in partial diploids of *Escherichia coli* K12 by ultraviolet light and mutagenic chemicals. M-5162 XII/1/10

Leu, Mao-Tsai C. Isolation of cell membranes from Ehrlich ascites tumor cells by an aqueous two-phase polymer system. M-5433 XII/2/90

Li, Ruth Cheng. Light and electron microscopic studies of the biology of the suctorian *Heliofryxa erhardi*. M-4841 XII/1/11

Mankamyer, Mary Pat. Cell culture responses to equine infectious anemia virus. M-5859 XII/3/192

Marsh, Bruce Edward. ORNORDER1: a computer program for bird identification. M-5414 XII/2/90

Marshall, Eddie Francis. Bacterial contamination in the aerosol emitted by a decorative fountain. M-5779 XII/3/193

Martin, James Michael. The effects of dissolved oxygen, salinity, and temperature on two populations of the polychaetous annelid *Neanthes succinea*. M-5981 XII/3/193

McGeachin, William Thomas. Responses of miracidia of *Schistosoma mansoni* to monochromatic light. M-5530 XII/2/90

Mitchell, Jean B. The morphological characters and electrophoretic blood serum protein patterns of *Peromyscus* in Adair County, Missouri. M-6260 XII/4/353

Morrison, Jack Rupert. An investigation of moose winter feeding habits at Northwest Trek, Washington. M-6156 XII/4/353

Morrison, Violet Thompson. A study of human birth defects with emphasis on environmental influences in the lower Rio Grande Valley of South Texas. M-6160 XII/4/353

Munsey, Larry Davis. Aspects of water metabolism in the mesic lizard, *Sceloporus occidentalis*. M-5758 XII/3/194

Neidich, Carole Louise. Inhibition of *Dunaliella viridis* by heavy metals. M-5314 XII/3/194

Nichols, Robert Clyde. Activity patterns of the California quail *Lophortyx californica* under laboratory conditions and around an artificial feeding station. M-5265 XII/1/11

Nishimoto, Robert Terumi. Ecology of *Uca crenulata* (Lockington) in upper Newport Bay, California. M-6182 XII/4/354

Olmes, Patricia Ann. The contribution of organic nitrogen from leaves to a springfed stream. M-5818 XII/3/194

Piltz, Frederick Michael. The effect of copper on reproduction of two polychaetous annelids, *Capitella capitata* (Fabricius) and *Ophryotrocha* sp. M-5385 XII/2/91

Pacek, James Michael. Developmental changes in neuron size and density of the visual cortex and superior colliculus in the postnatal golden hamster, *Mesocricetus auratus*. M-5760 XII/3/195

Regan, Patricia Ann. Changes in starch and glycerol concentrations in the marine phytoflagellate, *Dunaliella tertiolecta*. M-5739 XII/3/195

Shima, Lurie Jessie. Wetland vegetation mapping using aerial, color infrared photography. M-5476 XII/2/91

Sinclair, Gordon Gregory. The isolation of nuclei and metaphase chromosomes from Ehrlich Ascites Tumor Cells. M-6188 XII/4/354

Stromberg, Warren Lee. Relationships between radiophosphorus accumulation by bacteria, algae, and tubificid worms in laboratory food chains. M-5247 XII/1/11

Sziklay, Laszlo Istvan. The effects of lead on sea urchin embryos. M-6014 XII/3/195

Thompson, M. John. Burrowing and burrow-associated behavior in the dusky jawfish, *Opistognathus whitehursti*. M-6248 XII/4/354

Tsai, Joseph Chien-Chih. Metabolism of methylglyoxal by *Scenedesmus quadricauda*. M-5665 XII/3/196

Umeche, Cyprian Ndu. Some cytological and pathological studies on the amoeba-flagellates of the genus *Naegleria*, with emphasis on *Naegleria gruberi*. M-6017 XII/3/196

Walker, Deward Lee. A study of the influence of serum thyroxine on the annual reproductive cycle of the adult female mallard. M-5725 XII/3/196

Walker, III, William Torrey. Physical and chemical limnology of the Trinity River, Texas, and the effects impoundment has upon water quality. M-5566 XII/2/91

Welch, William Deake. Studies on T and B lymphocyte function in mice implanted with peritoneal chambers containing Ehrlich Ascites Tumor Cells. M-6193 XII/4/355

Westermeier, John F. Geographic variation of the Lodgepole chipmunk, *Eutamias speciosus* Allen. M-6194 XII/4/355

Whalen, John Joseph. Hyman lymphokine production in allergic contact dermatitis to dinitrochlorobenzene. M-5479 XII/2/92

Whitman, Richard Lincoln. Survey of pesticide residues in sediments from the upper Trinity River Basin, Texas. M-5196 XII/1/12

Word, Jr., Jack Quentin. The effects of sublethal concentrations of zinc sodium citrate on two species of marine polychaetes, *Capitella capitata* and *Ophryotrocha* species. M-6388 XII/4/356

Yost, Betty Kucera. The incorporation of tritiated uridine into Ehrlich ascites tumor cell deoxyribonucleic acid. M-5116 XII/1/12

Zapf, Robert John. Electrocardiographic analysis of the early cardiac activity of the embryonic chick. M-5731 XII/3/197

Zarick, Pamela Paige. Placental and fetal weights associated with alloantigenic differences and multiparity in mice. M-5474 XII/2/92

Zeh, John B. A survey of the ectoparasitic fauna of the red fox, *Vulpes fulva* (Desmarest) and the gray fox, *Urocyon cinereoargenteus* (Schreber). M-4955 XII/1/12

BIOLOGY-GENETICS

Palmer-Ball, Robert Buscher. Isolation of temperature sensitive mutants of bacteriophage PM2. M-5819 XII/3/197

Schwam, Schelly Rae. The effects of alleles at the agouti locus on osteometric traits in the house mouse. M-6380 XII/4/356

BIOPHYSICS, General

Phi, Long Thinh. The impedance of electrode-tissue interface in cat tooth. M-5820 XII/3/197

BIOPSYCHOLOGY

Hackett, Earle Raymond. Elevated levels of hypothalamic Ca++ or Na++: behavioral and physiological thermoregulation in the rat. M-5291 XII/1/13

BOTANY

Bell, Carl Eugene. The effect of valinomycin on the noncircadian endogenous rhythm of *Nectria cinnabarina*. M-5889 XII/3/198

Bockus, William Ward. Light position effects in flowering inhibition. M-5893 XII/3/198

Garcia, Donato L. Factors affecting seed germination in *Opuntia lindheimeri* Engelm. var. *tricolor* (Griffiths) L. Benson. M-5583 XII/2/92

Grodzicki-Shubin, Barbara Aida. The macroalgae of Anaheim Bay, Orange County, California. M-6344 XII/4/356

Kemp, Romelle Irwin. The seasonal changes in the phloem of *Juniperus californica*. M-5959 XII/3/198

Knott III, William Monroe. A floral survey of the Lake Michigan College-Ross property, Van Buren County, Michigan. M-5546 XII/2/93

Meany, John Joseph. Evidence of eutrophication in Wall Lake, Barry County, Michigan. M-6129 XII/4/357

Molin, William Todd. Growth responses of excised cotyledons of soybean (*Glycine Max*. (L.) Merrill var. Kanrich). M-4961 XII/1/13

Pierce, Gary James. The coastal plain floristic element in Michigan. M-5603 XII/3/199

Rugenstein, Seanna Reilly. Interspecific and intraspecific variation in nine species of the *Carex laxiflora* complex. M-4957 XII/1/14

Salazar A., Noris. A floristic study of bryophytes and lichens in Fall Brook ravine, Livingston County, New York. M-5543 XII/2/93

Santa Maria, Alicia M. Photoperiodic studies of the progeny of two strains of *Xanthium strumarium* Linn. M-5391 XII/2/94

BUSINESS ADMINISTRATION

Bennett, George Norman. Equal employment opportunity: a study of EEO in five selected manufacturing companies. M-6232 XII/4/357

Cain, James Larry. A survey of manpower planning experience within the petroleum industry. M-6236 XII/4/357

Foster II, Leslie Hastings. Survey of data storage and retrieval methods with an evaluation in a selected health insurance firm. M-5571 XII/2/94

Giese, Barbara Jean. A follow-up study of selected graduates in two comprehensive high schools with implications for business curriculum modifications. M-5351 XII/2/94

Long, James Patrick. Cooperative education and management: a decision-model for business managers. M-6154 XII/4/358

MacMillan, III, William Leedom. An investigation of the multiple association management firm as an effective and economic alternative source of management for the smaller voluntary membership organization. M-4922 XII/1/14

Montgomery, James R. The tactical marketing planning process in the fast food business. M-5817 XII/3/199

Pohl, Ronald Lyle. The impact of organization development on the corporation. M-5574 XII/2/94

Pol, William Felice. An inventory to predict interest in written business communications. M-6042 XII/4/358

Sanden, Clifford Rueben. A study of factors influencing the perceived career progression of engineers and technicians in naval civil service organizations. M-5840 XII/3/199

Walsh, Brian Charles. Computerized inventory management: a study of use and satisfaction among small manufacturing businesses. M-5733 XII/3/200

Workman, Russell Mayfield. The development and implementation of an effective loan officer training program in a commercial bank. M-5674 XII/3/200

CHEMISTRY, General

Gross, Rosalind Louise. Acidity of acyclic and cyclic ketones. M-5729 XII/3/200

Helmick, Robert William. The construction and implementation of a visible range spectrophotometer for high school chemistry. M-6240 XII/4/358

Severance, Jr., H. Wilson. Atomic molecular theory: a programmed text used in the teaching of basic atomic and molecular orbital theory in a high school program of chemistry. M-5864 XII/3/201

CHEMISTRY, Analytical

Cooke, Nelson H. C. A study of salt modified adsorbents by gas solid chromatography. M-6141 XII/4/359

Howard, Jr., Carl Robert. Qualitative and quantitative investigations in gas chromatography. M-6146 XII/4/359

Jeknavorian, Ara Avedis. A thermodynamic investigation of liquid crystals by gas chromatography. M-6086 XII/4/359

Renda, Virginia. Electrochemical reduction of a binuclear dioxo-bridged molybdenum(V) complex with ethylenediaminetetraacetate. M-5201 XII/1/15

Spiehler, Vina Rosetta. Differential pulse polarographic determination of digitoxin and digoxin. M-5770 XII/3/201

Tanjaruphan, Preeyaporn. The effect of carbon dioxide on treated and untreated marble. M-5535 XII/2/95

CHEMISTRY, Biological

Abdel-Meguid, Sherin Salaheldin. The use of EGTA in compleximetric calcium titrations to avoid magnesium interference. M-5874 XII/3/201

Chang, Charles Yu-chun. Studies of biotin: activation parameters for hydrogen-deuterium exchange of the Schiff base between 2-imidazolidone and (*E*)-*p*-dimethylaminocinnamaldehyde. M-5580 XII/2/95

Hunter, Susan Joy. A molecular weight study of the major acidic glycoprotein of the horse erythrocyte membrane by sedimentation equilibrium. M-4902 XII/1/15

Johnson, Noreen Faye. Dihydroxyacetone phosphate purification by bisulfite column chromatography. M-6067 XII/4/360

McCue, Bette Ann. Studies concerning asparagine metabolism in *Lactobacillus Plantarum*. M-6302 XII/4/360

Pickett, Walter C. Two-dimensional gel electrophoresis of ribosomal proteins from thermophilic and mesophilic bacteria. M-5600 XII/3/202

CHEMISTRY, Inorganic

Court, Jr., Richard H. The preparation of a series of rhodium (III) complexes of linear tetramines. M-6050 XII/4/361

Erickson, Stephen Harper. The kinetics of the metal exchange reaction between bisiminodiacetatomickelate(II) and copper(II). M-5216 XII/1/15

Miller, Nelse Christian. Polarized electronic spectra of *trans*-diacidobis(ethylenediamine)-chromium(III) complexes. M-5794 XII/3/202

Pauley, Charles R. Magnetic properties of copper(II) complexes of N-(hydroxyalkyl) pyrrole-2-aldimines. M-5655 XII/3/203

CHEMISTRY, Organic

Becker, Allyn Ronald. Use of the stability-selectivity relationship as a probe for ion pairing in the solvolysis of benzyl and benzhydryl derivatives. M-5106 XII/1/16

Gibson, Christopher Murray. Part I. A study into the meso-linkage of octaethylporphyrin molecules with a six-membered chain. Part II. The synthesis of Mg(II)tetrabenzoporphyrin. M-5260 XII/1/16

Kaldor, Sheena Brown. Thermolysis of azobisformamide and 1,3-dimethylazobisformamide. M-4960 XII/1/17

Lang, Frank Tso-li. Birch reduction of a benzyllic amine. M-5558 XII/2/96

Madison, Stephen Alan. A new mechanism for the Favorskii rearrangement. M-5515 XII/2/96

McKee, Richard Paul. Photochemical rearrangement of *t*-butylphenols. M-6419 XII/4/361

Slade, Joel. Synthesis of some 1,2-diazetidinones. M-6096 XII/4/361

Uaprasert, Vichitra. Hydration of cyclic dienes in aqueous sulfuric acid. M-6385 XII/4/362

Warres, Charlene Mae. The synthesis of 1-methyl-3-(1-aziridinomethyl) indole. M-5594 XII/3/203

Yin, Richard Tun-Kwai. Syntheses in the carotenoid series: the synthesis of *trans*-4-octene-2,7-dione. M-6147 XII/4/362

CHEMISTRY, Physical

Birdwell, Jeffrey David. A calorimetric and spectroscopic study of hydrogen bonding in ketone-1,1,1,3,3-hexafluoro-2-propanol systems. M-6211 XII/4/362

Iak, William James. The rates of solvolysis of methyl iodide and N-propyl iodide in moderately concentrated basic aqueous methanol. M-4962 XII/1/17

Kirkland, John Russell. An analysis procedure for determining enthalpies of hydrogen bonding from calorimetric data. M-6220 XII/4/363

Leung, Anthony S. The crystal structure of β -chloroethylmethylenedisonitrilamine. M-5756 XII/3/204

Mach, Dennis Edward. A calorimetric and spectroscopic study of hydrogen bonding of ketones with 1,1,1,3,3-hexafluoro-2-propanol. M-5193 XII/1/17

Mascarenhas, Ivan Thomas. The effect of sheet moisture on the anisotropy of paper subjected to various degrees of restraint during drying. M-5871 XII/3/204

Myers, Hugh Kirby. The effect of the degree of cationic charge on the binding strength of a cationic starch-kaolin clay coating. M-5246 XII/1/18

O'Neal, Judith Anne. Morphology of crystalline poly (N-hexyl isocyanate). M-5516 XII/2/96

Pastore, Guillermo Willigmann. Thickness and properties of anodic aluminum oxide films. M-5306 XII/2/97

Ward Jr., Irl Eugene. *Ortho*-substituent effects on reactivities of benzohydroxamic acids. M-5602 XII/3/204

CHEMISTRY, Polymer

Books, Jeffrey Thomas. Spin labeled polyurethane networks. M-5686 XII/3/205

Kannankeril, Charles Paul. LDPE, HDPE, PP/BUTYL rubber polyblends: practical properties and theoretical problems. M-5716 XII/3/205

Kapasi, Vikram Chandrakant. Composition, structure and properties of plasticized polyvinyl chloride foam chemically blown at atmospheric pressure. M-5220 XII/1/18

Litman, Alan Mark. The effect of various chrysotile asbestos fiber parameters and polymer molecular weight on the mechanical and thermal properties of reinforced rigid poly(vinyl chloride). M-5140 XII/1/18

Maher, Philip. Flame retardants for polymethyl methacrylate. M-6090 XII/4/363

Murphy, Gerald John. Study of polymerization of methacrylic acid within liquid crystalline media. M-6087 XII/4/363

Parekh, Ramesh V. Carbon black reinforcement in plasticized polyvinyl chloride. M-5586 XII/3/205

Shah, Sharad Bhogilal. Hysteresis in plasticized polyvinyl chloride. M-5514 XII/2/97

COMPUTER SCIENCE

Aboukheir, Fouad Ramez. An interactive maintenance system for MARC bibliographic files. M-6270 XII/4/364

Carter, Caroline Merriam Eastman. An elementary hypothetical computer. M-5844 XII/3/206

Cleveland, Margaret Ruth. Hidden line elimination for three-dimensional graphical objects. M-5285 XII/1/19

Dunigan, Jr., Thomas Heber. PLCD-PL/I for the DEC PDP-11/45. M-5287 XII/1/19

Dunnagan, Catherine Bradsher. MPS: an 1130 multi-programming system. M-5221 XII/1/19

Gullett, James Mayo. GRADS—the graphics associative display system. M-5619 XII/3/206

Hickok, William George. An application of the Magee-Boodman model for inventory and production control. M-5685 XII/3/206

Imken, Gary Robert. Implementation of an APL subset compiler. M-5620 XII/3/207

Jackson, Jr., Willard Bernard. PLCI—a PL/I cross-compiler for the interdata model 3. M-5231 XII/1/20

Kernodle, Jr., James Frank. A simulation model of a batch-processing job stream. M-5228 XII/1/20

Landis, Elizabeth Sheild. Computer graphics as an aid in solving a system of linear equations by relaxation methods. M-5283 XII/1/21

Mir, Carol Loeb. A comparison of string handling in four programming languages. M-5621 XII/3/207

Morin, Lois Harvey. Estimation of resources for computer programming projects. M-5222 XII/1/21

Norris, Jr., Robert Thomas. Development and implementation of a new solution to the general problem of input data validation. M-5223 XII/1/21

Perez, Jose Aurelio. Simulation and automatic scaling of analog programs by a digital computer. M-6101 XII/4/364

Poss, Sharon Sandomirskey. A program for cluster analysis of social science data. M-5293 XII/1/22

Reese, John. Study of communication channel allocation techniques for a Point-of-Sale Electronic Funds Transfer System. M-6376 XII/4/364

Robb, III, James Lawrence. The IDIOM Monitor System. M-5229 XII/1/22

Saiyid, Omar Aziz. Multivariate third-order stochastic streamflow generator. M-5284 XII/1/22

Saville, Dale William. A graphic processing system for urban planning. M-5224 XII/1/22

Schultz, Gary Dennis. The CHAT system: an OS/360 MVT time-sharing subsystem for displays and teletype. M-5225 XII/1/23

Speary, Jr., William. Feasibility studies in graphical display programming. M-5323 XII/2/97

Steelman, III, Herbert Stanley. The Grope-1 system. Analysis of friction and backlash problems. M-5622 XII/3/207

Vallarino, Oscar. Function specification, evaluation, and display for graphics systems. M-5226 XII/1/23

Wait, Tynan Arthur. Conversion of the hypertext editing system from the IBM 2250 graphics terminal to the CC-30 alphanumeric terminal. M-5623 XII/3/208

Woodward, William Stephen. The design and implementation of an on-line data acquisition and analysis system. M-5845 XII/3/208

ECOLOGY

Adler, Lynne Hixon. A comparison of the hydrophytes growing in artesian and non-artesian water at Grossman Hammock State Park, Dade County, Florida. M-4737 XII/1/24

Beavers, Randell Allen. Food habits of the western diamondback rattlesnake *Crotalus atrox*, in Texas. M-6209 XII/4/365

Boyce, Mark Stephen. Beaver population ecology in interior Alaska. M-5784 XII/3/208

Cisneros, Baltazar. Coastal vegetational communities of two Texas barrier islands, Boca Chica and Brazos. M-6159 XII/4/365

Herrema, David Jack. Marine and brackish water fishes of southern Palm Beach and Northern Broward Counties, Florida. M-5573 XII/2/98

Horkel, John D. Effects of turbidity on gilling rates and oxygen consumption of green sunfish, *Lepomis cyanellus*. M-6292 XII/4/366

Hudson, Dennis Michael. Seasonal lipid cycles in the yucca night lizard, *Xantusia vigilis*, with special reference to the adaptive significance of the tail as a fat storage organ in lizards. M-4942 XII/3/209

Mispagel, Michael Edmund. An ecological analysis of insect populations on *Larrea tridentata* in the Mohave Desert. M-5985 XII/3/209

Moore, William Alva. An evaluation of the pollutants found in the streams leading to the St. John's River of Seminole County, Florida. M-6261 XII/4/366

Pilien, Dennis Vincent. Bioenergetics of three species of kangaroo rats. M-5996 XII/3/209

Schwartz, Orlando Albert. Comparative growth in two species of woodrats. M-5393 XII/2/98

Wolfe, Ted Albert. A problematic analysis of the tasks of an environmental manager for the upper Potomac River. M-5798 XII/3/210

ECONOMICS, General

Blondin, James J. Short-term economic forecasting in a regional context. M-6234 XII/4/366

Ferro, Alejandro. Spectral analysis of the international transmission of price fluctuations. M-5856 XII/3/210

Isley, Phyllis W. Factor analysis as a technique for economics. M-5858 XII/3/210

Poslusny, Jr., Chester. A two-sector growth model of the U. S. economy. M-5861 XII/3/210

ECONOMICS, Commerce-Business

Burnett, Barry Stephen. The role of foreign investment in the Andean Common Market. M-5482 XII/2/98

Nevels, Paul Dupree. Bank holding companies and monetary policy. M-6222 XII/4/367

ECONOMICS, Finance

Murphy, Joseph William. An analysis of public expenditure for Florida metropolitan and non-metropolitan counties. M-5860 XII/3/211

Ralston, David Allen. A test of monetary rule versus discretion in West Germany—1957 to 1973. M-5862 XII/3/211

ECONOMICS, Theory

Attuquayefio, Alan B. Economic development in Ghana: some problems and prospects. M-6274 XII/4/367

Dmytrow, Eric Donald. Money, output, and prices: a cross spectral analysis. M-5854 XII/3/211

EDUCATION, General

Anderson, Frederick Douglas. Criteria used by educators to identify and methods used to retain potential high school dropouts in California high schools. M-5328 XII/2/99

Bujdos, Eugene John. A field trip guide for elementary teachers in southwestern Pennsylvania. M-6140 XII/4/367

Collins, Leslie Clare. A comparative analysis of individually guided education in the elementary grades of the Benton Harbor area schools. M-5597 XII/3/212

Hill, Raymond Louis. The effects of repeated treatment sessions on raising Strasser levels of inquiry questions and the number of questions asked by sixth grade students. M-6151 XII/4/368

Ikemori, George Ryosuke. Supporting metal industries in San Bernardino and Riverside Counties from 1870 to 1900. M-5362 XII/2/99

Lahey, LeRoy Allen. An empirical test of suggestopedia and suggestion in language acquisition. M-5697 XII/3/212

McFerran, Ivy Marie. A developmental activity program of instruction for nurturing the growth of creativity among fourth- and fifth-grade pupils. M-5816 XII/3/212

Morton, David C. Children's preferences for political authority figures and their relationship to tolerance for ambiguity. M-5757 XII/3/213

Nelson, Mary Kathryn Hyndman. A ceramic program for the elementary school. M-5988 XII/3/213

Reese, Mildred Anna. Method of grouping special education classes as related to achievement and attitudes toward school. M-6426 XII/4/368

Rosenthal, Gary Charles. A study of some of the ways that homework is used in a school system and an evaluation of its possible value. M-5601 XII/3/214

Smith, Diane Savage. An internship with the Western Michigan University Para-School Learning Center June 18, 1973-July 21, 1973. M-4896 XII/1/24

Timmons, Tracy Wayne. Recycling in the South Bay and the hang glider. M-6436 XII/4/368

Yeatts, Fred Harry. A comparative study of three epoxy resins in the industrial arts laboratory. M-6322 XII/4/369

EDUCATION, Administration

Cole, Larry James. Guidelines for the school business administrator. M-5611 XII/3/214

Fields, Simeon. Exploring the junior high school with Kentucky educators: a study of issues, problems and concerns. M-5149 XII/1/25

Hartman, Lloyd C. Collective bargaining for school administrators and boards of education. M-5117 XII/1/25

Hurford, Helen Elaine. A plan for the faculty and staff inservice needs at the community college level. M-6401 XII/4/369

Johansen, Judith Jean. A report of an internship experience in the Benton Harbor Area Schools, Benton Harbor, Michigan. M-6081 XII/4/369

Jones, James Stanton. Carman School District major internship. M-6325 XII/4/370

Juergens, Carol Rae. A study of the advantages and disadvantages of dual staff teaching in Washington State. M-6152 XII/4/370

Koal, Karin A. Strike-catalyst for the emergence of power groups in a rural school district. M-6153 XII/4/371

Lauder, Harry Alexander. A comparison of industrial and educational opinions on merit pay for teachers. M-5968 XII/3/214

Morper, Myron Caudle. The role of the elementary school principal in professional negotiations. M-5423 XII/2/100

Rodevich, Jr., Edward. Current evaluation practices for the elementary school principal in medium size school districts in the state of California. M-6043 XII/4/371

Wright, Sharon Elain Wenzl. A study of secondary school students' right to free expression as granted by the First Amendment to the United States Constitution. M-5581 XII/2/100

EDUCATION, Adult

Adamson, Thomas Alexander. A hypothetical model of an optimum adult education program. M-5875 XII/3/215

EDUCATION, Curriculum Development

Lahtela, Alice Wesley. A teaching unit on the metric system for seventh or eighth grade. M-5369 XII/2/100

Laird, Jr., Frank Elliott. A study of the relationship between student test performance and geography teaching programs. M-5413 XII/2/101

Rowland, Ronald Jay. Career education in grades K-6 within the public schools of Orange County, California. M-5999 XII/3/215

Wubbena, Richard Lee. An experiment with the neurological impress reading method utilizing pupil-aides. M-5582 XII/2/101

EDUCATION, Guidance and Counseling

Beacon, Elsie H. Analysis of responses to the Priority Counseling Survey Questionnaire. M-6335 XII/4/372

Beckman, Malind. The study of the characteristics and achievement between continuous-progress and self-contained classroom programs. M-5421 XII/2/111

Benn, William James. Racial attitudes and the helping professions. M-5335 XII/2/102

Berland, Georgia Beth. The functions of ethnic similarity in counseling Chicano students. M-6069 XII/4/372

Brown, Sharon Finnister. A study of interpersonal maturity levels among sixth grade children. M-5145 XII/1/25

Cianfione, Daniel. Analysis and comparison of preprofessional biology and chemistry major courses of study with dental school performance. M-5214 XII/1/26

Collins, Mary Lou. A counseling internship at a community mental health center. M-6112 XII/4/372

Davis, Katherine. Group counseling with elementary school children: selected literature and research. M-4965 XII/1/26

Fuchs, Diane ReyNelle. Persistence of high school students enrolled in an E.S.E.A.: Title I secondary program; a study of one year. M-5933 XII/3/215

Fuller, Linda Lee. Self, peer, and teacher perceptions of Spanish-surnamed fourth grade children. M-6413 XII/4/373

Haught, Lunell. An investigation of the expected and experienced sense of community on a college campus. M-5695 XII/3/216

Hurst II, Jesse Henry. An investigation of the relative effectiveness of a human relations program on a U. S. army base. M-5592 XII/3/216

Johnson, Monroe H. A study of substance abuse by black youths. M-6165 XII/4/373

Keese, James F. The victim of aggression in fifth- and sixth-grade classrooms. M-6403 XII/4/373

Kennedy, John Dale. The status of the performing arts within the co-curricular student activities program in the California State University and colleges. M-6360 XII/4/374

Knapper, Dona Ann. Integration: its effect on attitudes toward the physically disabled. M-5961 XII/3/216

Krumhauer, Jr., Paul August. A survey of elementary school teachers on career education. M-6407 XII/4/374

Lee, Karen Sue. College characteristics analysis of four major departments. M-5970 XII/3/217

Lesniak, Frances M. An attitudinal study of counselors and homosexuals and the affect of relevant information on high homophobic attitudes. M-5568 XII/2/102

Martin, Mary Jane. A comparison of opinions of high school freshmen and seniors toward counseling. M-6364 XII/4/374

McCarroll, Franklin S. A report of my internship with the Van Buren intermediate school district migrant program. M-6128 XII/4/375

Parker, Patricia Jean. The use of systematic exclusion in an elementary classroom to alter disruptive behavior. M-6369 XII/4/375

Phillips, William Samuel. Differences between black and white counselors and their effect on student responses. M-6422 XII/4/375

Schneider, Robert Douglas. Grand Rapids Junior College Counseling Center: an internship. M-6171 XII/4/376

Schroedter, James Kenneth. The relationship of a measure of self-actualization with a measure of communication skills. M-6379 XII/4/376

Stodden, Robert Andrew. The nature of the relationship concerning attitudes of those training in the "helping" professions toward handicapped individuals as a function of the trainees' own social adjustment. M-6012 XII/3/217

Valentine, Festus H. Observations of student services for the development of human potential in selected community colleges and universities. M-6269 XII/4/376

Watts, Thomas Harwood. The use of simulations in the counseling situation as a method of verifying standardized test results. M-5709 XII/3/218

Witucki, Richard. Evaluation of a career unit given in a career guidance setting. M-6438 XII/4/377

Yancey, Donna Elaine. The nature and trends of counseling centers within the State University and Colleges and the University of California systems. M-6030 XII/4/377

EDUCATION, Higher

Bogert, Christopher Michael. The freshman symposium: a study of the financing and administrative structure of a non-traditional educational program. M-5803 XII/3/218

Grant, Shirley Mae. One-year analysis of the entering Fall 1972 special admit disadvantaged students by EOP and EOP-related students and by performance groups. M-6416 XII/4/378

Kraft, Carolyn Lee. The effect of knowledge of probationary status on the grade-point averages of first semester probationary caliber college freshmen. M-5812 XII/3/218

Reid, Peter David. A pilot study comparing traditional and individualized college mathematics courses. M-5387 XII/2/102

Shahroudi, Behrooz. An historical and comparative study of higher education in Iran. M-5534 XII/2/103

Walker, Edith Cundiff. The present status of freshman composition programs in Louisville-area colleges and universities. M-5826 XII/3/219

Young, Herman A. Black American science doctorates: some characteristic comparisons and contrasts with American science doctorates. M-5540 XII/3/219

EDUCATION, History

Brown, Bruce Alan. Comparing changes in learning using simulation games. M-6392 XII/4/378

EDUCATION, Industrial

Agee, David W. A study of the drafting curriculum in the Fort Worth public high schools, Fort Worth, Texas. M-5624 XII/3/220

Allen, Harry Steven. A study of the operation and construction of speaker systems/enclosures. M-5625 XII/3/220

Balma, Kenneth Everett. The relationship of teacher work experience to course content in California high school electronics programs. M-5882 XII/3/220

Bell, Ronald De Allen. A history of aircraft turbocharging in the United States from 1909 to 1941. M-6447 XII/4/378

Bemis, David Lynn. A follow-up study of the industrial education graduates of 1967-1969 from Sylmar High School. M-5890 XII/3/221

Bernard, William Henry. Automotive instrumentation as related to variations in engine temperatures, oil pressure and vacuum. M-5891 XII/3/221

Boland, Laurence Joseph. Automotive service training: alternatives to the present methods of scheduling training. M-5896 XII/3/221

Collins, Robert Lee. Integrated circuit coursework in selected southern California secondary schools. M-6394 XII/4/379

Casper, Larry Tom. A study of the knowledge and skills of mobile home metalworkers in the Dallas-Fort Worth area. M-6282 XII/4/379

Davis, Robert William. Nature and effects of solid particulate materials in industrial education woodworking facilities. M-5916 XII/3/222

Dunning, Philip James. Laminating a corrugated fibreboard beam. M-5919 XII/3/222

Gentry, Jr., Guy Cephas. Videotape in manpower development and training: a study of the use of videotape in business and industry. M-5578 XII/2/103

Hunt, Charles C. Purchasing government surplus equipment for industrial education. M-6259 XII/4/379

Morrissey, John Bruce. Apparatus and procedures for color solarization. M-5374 XII/2/103

Shulze, William L. Converting the Corvair automobile engine for aircraft use. M-5415 XII/2/104

Smith, Larry Paul. Interpretations of school eye safety legislation in Southern California industrial arts classrooms at the junior high school level. M-6431 XII/4/380

Swindel, Leland Dwight. Status of graphic arts programs in California junior colleges. M-6013 XII/3/222

Tabor, Douglas Lee. Utilization of high-velocity forming of metals in Southern California. M-6383 XII/4/380

Tedesco, Michael Donald. Drafting practices in Orange County architectural firms as compared to those taught in Orange County senior high schools. M-6433 XII/4/380

Tope, Dennis James. Extent and nature of production printing programs in secondary schools of California. M-5399 XII/2/104

Vogassaris, Kimon. The development, design and construction of a fiberglass reinforced plastic boat. M-6020 XII/3/223

Wesley, Joe Gail. An industrial arts program for superior high school students. M-5672 XII/3/223

EDUCATION, Music

Calzon, Maria del Carmen. An ethnomusicological study of Cuban music. M-6237 XII/4/381

Gavin, Annie Ruth Jackson. An evaluation of musical experiences for the trainable mentally retarded child at the Langford School in East Hartford. M-5446 XII/2/104

Spiegelhalter, William Robert. Musical motivation in the culturally deprived junior high: a study of types of musical motivation used in an inner-city environment. M-5823 XII/3/223

EDUCATION, Physical

Anderson, Mary Jean. A study of some philosophical beliefs in the area of physical education held by the elementary school teachers of the Moberly Public School System of Moberly, Missouri. M-6249 XII/4/381

Blanton, Lynn Suzanne. Instructional Super 8mm film—Basic Offensive Basketball Patterns for Women. M-6334 XII/4/381

Comish, Paul Thomas. Weight training versus calisthenics in strength development. M-6173 XII/4/382

De Bie, Harold Courtney. A survey of the boys' physical education programs in selected private high schools. M-6355 XII/4/382

Deffner, Dale Ivan. A video cassette of international wrestling rules. M-5917 XII/3/224

Earle, Sr., James Anthony. An investigation of the effect of motor skills on reading levels of first through third grade students. M-6253 XII/4/382

Fite, Gary Roger. An analysis of the curriculums of institutions offering a Bachelor's Degree with a major for men in physical education. M-6442 XII/4/383

Franchuk, Orville Larry. A comparative study of baseball's major league players who have achieved two thousand career hits. M-6411 XII/4/383

Gordon, Michael Albert. The Triple Jump: a cinematographic summarization. M-6415 XII/4/383

Hassan, Ahmed Raafat. The status of boys' competitive gymnastics in selected American high schools. M-5360 XII/2/105

Kern, Carol Ann. A computer program for junior high school girls analyzing skinfold measurements. M-5365 XII/2/105

Laflin, Joyce Elaine Snay. The effects of supportive and non-supportive nonverbal movements upon the acquisition of a gross motor skill. M-6298 XII/4/384

Loff, Jack Lawrence. The effects of practicing a skill with the dominate arm upon the acquisition of that skill using the nondominate arm. M-6203 XII/4/384

McCarthy, Lynne Carol. Fundamentals of field hockey. M-5978 XII/3/224

Menser, Linda Jean. Forces which influence women to compete in basketball. M-6365 XII/4/384

Mulligan, Kathryn Ann. Relationship between selected physiological variables and high school girls' track performances. M-5264 XII/1/26

Neill, Susan Kay. The effects of ballet training on physical fitness. M-5987 XII/3/224

Nichols, Curtis Allan. A study of the effects of simultaneous near-falls and take downs in scholastic wrestling. M-5990 XII/3/225

Pate, Russell Robert. Harmonic analysis of running gait. M-5432 XII/2/105

Paulsen, Robin Lee. A study of individualized instruction and gradated and non-gradated high school physical education programs. M-6373 XII/4/385

Petrilla, Charles Joseph. Developing a game approach for improving physical fitness. M-5383 XII/2/106

Shannon, Marilyn A. Peck. Effect of a six-week training program on the physical condition of primary grade girls. M-6312 XII/4/385

Strausburg, Carol Ann. Personality traits of successful archers. M-5389 XII/2/106

Truyens, Jos A. N. A longitudinal analysis of a measure of somato-sensory awareness in elementary school children. M-5166 XII/1/27

Vongverakool, Prachuab. Basic skills of soccer. M-6021 XII/3/225

Williams, Elizabeth Trenor. A comparison study of the behavioral changes between emotionally disturbed children and normal children participating in folk dance. M-6048 XII/4/386

EDUCATION, Psychology

Berri, Roberta Ann. Social desiring behavior of kindergarten children. M-6336 XII/4/386

Berrier, Helen Victoria. A comparison of cloze ability in deficient and non-deficient readers matched according to verbal ability. M-6275 XII/4/386

Bugbee, Charlene Vivian. An evaluation of the self-directed search. M-6340 XII/4/387

Caillet, Kenneth Craig. A comparison of socioeconomic status and self-concept between academic and terminal community college students and possible effect on career and educational aspirations. M-5903 XII/3/226

Chambers, Jean Irvin. Effects of a preschool program on intellectual functioning and sensory-motor abilities of disadvantaged children. M-5634 XII/3/226

Christian, Carol Elizabeth. An inventory of institutional goals for a school of education sample. M-5909 XII/3/226

Clark, Cynthia A. Rosenberger. Relationship of attitudes toward reading and mathematics of children in grades 2 and 3 and 4, 5 and 6 and their achievement, divided by sex and ethnic group. M-6353 XII/4/387

Contreras, Lawrence. Bilingualism and its effects on channels of communication as reflected in altered Wechsler Intelligence Scale for Children scale score patterns. M-6354 XII/4/387

Conzen, Kathleen Alice. Mandatory school reporting of suspected child abuse. M-6395 XII/4/388

Dial, Jack Grady. Systematic prediction of work performance: a neuropsychological evaluation of 108 mentally retarded adults. M-6213 XII/4/388

Doerr, Robert Edgar. The effect of manifest anxiety on paired-associates and concept formation learning tasks. M-6409 XII/4/389

Drago, Dorothy Ann. The effects of attention on the visual evoked response: a study of hemispheric assymetry. M-5478 XII/2/107

Duffy, Virginia R. Changing parent attitudes through parent effectiveness training. M-5918 XII/3/227

Ellis, III, William David. Behavioral techniques to increase conceptual mastery. M-5832 XII/3/227

Feldman, Diane Dyer. A comparative examination of the language ability of pre-school hearing children of deaf and of hearing parents. M-6357 XII/4/389

Gerard, James Nicholas. Relationship of auditory and visual integration modality variables to third grade reading and spelling achievement. M-5934 XII/3/227

Goncalves, Silva Joe. The application of operant methodology and its effect in improving employees' efficiency on a quick service restaurant. M-5834 XII/3/228

Hawley, Nancy Lynn. The relationship of evaluative feedback to resident assistant job performance. M-5939 XII/3/228

Huff, Leland Clifford. The relationship of early experience to the development of fine-motor-eye-hand coordination. M-6400 XII/4/389

Kelley, Michael Shane. The effect of praise and reproof on the recall of previously learned responses as a function of socioeconomic background. M-6404 XII/4/390

Kinley, Shirley J. VanDerWal. The relationships of locus of control and perceived contingency of teacher rewards and punishments to academic performance. M-5647 XII/3/229

Mayo, Jean Minszew. The relationship between teacher preception and utilization of school psychological services. M-5456 XII/2/107

Mc Mann, Jr., James Anthony. A comparison of opportunity class students with wards of the court of Orange County. M-6420 XII/4/390

Murray, Robert Philip. The relationship between personal and educational problems students discuss and the counselor's level of facilitative functioning. M-5376 XII/2/107

Pasley, Daniel Lee. Subject differentiation by sex and prior group experience on measured gain in Carkhuff's Human Relations Training. M-6372 XII/4/390

Puetz, Dolores Elizabeth. Relationship between psycho-motor abilities and reading achievement. M-5997 XII/3/229

Pursell, Beverly. Counselor ratings in three communications mediums. M-6375 XII/4/391

Robinson, Sherryl Jeanne. The influence of family relations upon social desiring behavior of kindergarten children. M-6427 XII/4/391

Turco, Ellen Ecklund. An analysis of students' justifications of responses to Piagetian conservation tasks. M-6191 XII/4/391

EDUCATION, Recreation

Bauer, Marion Joyce. The role of recreation staff as community catalysts. M-5336 XII/2/108

Cotter, Robert William. A feasibility study for a small-craft camping trail along the Southern California coast. M-6033 XII/4/392

Jackson, Jere Stephen. Attitude of recreation major students in California state universities toward the California Park and Recreation Society, Inc. M-5948 XII/3/229

Silberman, Cheryl Gee. Sexism in play: an attitude study of municipal recreation leaders. M-6044 XII/4/392

Thoits, Mary Elizabeth. Administrative manual for the recreation element in planned communities. M-6446 XII/4/392

Vershaw, Charles Leroy. A study of the leisure time interests of teens. M-6019 XII/3/230

Webb, William Chambers. The impact of unionization on municipal recreation and parks agencies. M-6386 XII/4/393

EDUCATION, Scientific

Clark, Laurence Cassin. Learning assistance materials for introductory chemistry. M-5342 XII/2/108

Foster, Bernard George. A comparison of the contractual approach and the traditional method for teaching high school biology. M-6064 XII/4/393

Otteman, Myrtis Marilyn Brett. A study of the relationships between the scores of ninth-grade students on the National Educational Development Tests and their grade point averages. M-6161 XII/4/394

EDUCATION, Special

DePauw, Karen Pamelia. Investigation of the relationship between a sensory-motor program and sensory integration of pre-school aphasic students. M-6448 XII/4/394

Ernandes, Carol Alicia. A factor analysis of some hypothesized abilities of children with learning disabilities. M-6356 XII/4/394

Greenwood, Sharon Ingrid. A study of the relationship between oral linguistic development and reading readiness. M-6229 XII/4/395

Hollahan, Nancy H. A descriptive study of dismissed educationally handicapped students. M-5944 XII/3/230

Levy, Kathleen Ellen. Attitudes of parents toward their multi-handicapped child. M-5973 XII/3/230

Novak, Deborah Gayle. Relationships between activity level and sensory loss in young mentally retarded boys. M-5197 XII/1/27

Pinsky, Ronald I. Classroom practices of first-year teachers of the secondary-level educationally handicapped. M-6424 XII/4/395

Shiukoski, Thomas I. Objective evaluation of a treatment program for severely maladjusted children. M-6072 XII/4/395

Woody, Jeanne A. Attitudes of principals toward the handicapped. M-6028 XII/4/396

EDUCATION, Teacher Training

Cambron, Mary Geraldine. Follow up evaluation concerning the effects of focus training on teachers in the Louisville school system (August, 1970 - May 1972). M-5146 XII/1/28

Torrington, Mary Christine. An evaluative survey of the Orange County values-oriented in-service teacher training workshops. M-4970 XII/1/28

EDUCATION, Theory and Practice

Church, David Carlton. A mobile instructional unit with classroom. M-6352 XII/4/396

Cook, Ellen Louise Goldston. A study of creativity and education. M-6281 XII/4/396

Crouch, Vernon Lee. The effect of general versus descriptive vocal praise on concurrent behaviors. M-6113 XII/4/397

Freeman, Carl Lennart. An investigation of discipline problems in junior high school industrial arts classes in Orange County. M-6412 XII/4/397

Graham, Jeanette Hannon. The assessment of behavioral differences in elementary school children to describe individual learning styles. M-5749 XII/3/231

Milner, Loreta Sue. A comparative analysis of the educational theories of Charles Dickens and John Holt. M-6305 XII/4/397

Nedoff, Elizabeth May. Trends in reading performance contracts in education. M-6367 XII/4/398

Patterson, Leslie Ann. The effects of learner input on comprehension and attitude toward task. M-6223 XII/4/398

Piller, Mary A. Using parent volunteers to improve kindergarten language skills. M-6423 XII/4/398

Reeves, Dorothy Stone. The role of the special reading teacher in the elementary schools of Jefferson County, Kentucky. M-5155 XII/1/28

Shannon, James Lee. Alternatives to the traditional five point grading scale. M-5406 XII/2/109

Shields, Sharon Lee. A functional curriculum of interdisciplinary team teaching in the areas of mathematics and physical education and the effect of such a program upon the achievement of sixth-grade students in mathematics. M-5822 XII/3/231

EDUCATION, Vocational

Anderson, Lincoln M. Factors pertaining to outstanding high school vocational education Programs. M-5877 XII/3/232

Archibald, Eloise S. A study of Vocational Education in the Compton Unified School District. M-5880 XII/3/232

Buchanan, Kenneth W. The teaching of certain economic concepts and understandings through the use of distributive education in occupational programs. M-5198 XII/1/29

Callahan-Suma, Mary. Sexual stereotypes and career choices in young children. M-6440 XII/4/399

Chandler, James Carl. A report on the Don Bosco Technical Institute media project. M-5904 XII/3/232

Comito, Judith Ann. University and career opportunities course for women. M-5913 XII/3/233

Crawford, Douglas Kim. A comparison of the Occupational Safety and Health Act of 1970 and the Industrial Arts Safety Practices of the Torrance Unified School District. M-5343 XII/2/109

Dee, Charles Edward. Development and evaluation of a Student-Opinion Questionnaire for career education and planning District 35'S Shared-Time Programs. M-5612 XII/3/233

Foster, Mary Elizabeth. A five-year study of community college business graduates with implications for curriculum improvement. M-5599 XII/3/233

Guido, Dennis Joseph. Career education: the carrousel of life. M-5422 XII/2/109

Gyllenswan, John Eric. Technical drafting job entry unit analysis. M-5936 XII/3/234

Hale, Ronnie Lee. Constructing a crankshaft-journal welding machine. M-6443 XII/4/399

Hillger, Allen Lee. Industrial education in California continuation high schools. M-5942 XII/3/234

Isbell, Donald Ray. A study evaluating Career Education Film Series, *The Kingdom of Could Be You*. M-5947 XII/3/234

James, Virgil Theodrick. California State University, Long Beach: the dynamic multi-university and the MAVE program. M-6444 XII/4/400

Kearney, John Hayward. Development of the Master of Arts in Vocational Education program, 1971-1974. M-6359 XII/4/400

Keech, Alan Francis. A data scheme for career development programs. M-5955 XII/3/235

Kiehler, Mary Lou. Public Information/Public Relations Program for vocational education in California. M-5960 XII/3/235

Koesler, Rudolph John. A study to determine the effectiveness of polyethylene glycol 1000 for forming wood veneer projects from green lumber. M-5648 XII/3/236

Lamm, Frederick R. A follow-up study of students completing the two year automotive technology program at Compton College between September, 1969 and February, 1974. M-6418 XII/4/400

Lamp, Jan. A formative evaluation of the Master of Arts in Vocational Education Program. M-5966 XII/3/236

Lopez, Joe Arzola. Career guidance practices in the Chaffey Union High School District, a study of beliefs, attitudes, and values regarding Vocational/Career Education. M-5975 XII/3/236

McLoughlin, Carol Yvonne. A study of the attitudes of first-year shorthand students. M-6066 XII/4/401

Piacenti, Margaret. The potential of career education in the nation's social ills engendered by poverty of education. M-5995 XII/3/237

Platt, Mary Daniel. An educators guide for developing a career center in a community college. M-6041 XII/4/401

Salazar, Phillip. Community based attitudinal study of occupational education in the Pioneer High School attendance area. M-6000 XII/3/237

Sherman, Lynn DuVall. Operation PETS. [Productive Experiences Teach Skills] M-5395 XII/2/110

Smith, Jr., Sampson James. Occupational education data retrieval system. M-6007 XII/3/237

Thompson, Martin Orvill. An evaluation of the office occupations program at the L. H. Bates Vocational-Technical Institute. M-6157 XII/4/401

Van Noy, Barney Willard. A follow-up study of dental laboratory technology students of Riverside City College from 1968 to 1973. M-6018 XII/3/238

ENGINEERING, General

Hansson, Ralph. An investigation of the mechanical properties of composite knitted and needle punched structures. M-5585 XII/3/238

Tescher, Erwin Larry. On bending and torsional free vibration of beams. M-5400 XII/2/110

ENGINEERING, Aeronautical

Chimerine, Harvey Alan. Two dimensional flutter model analysis versus test with emphasis on demonstration. M-5908 XII/3/239

Felton, Charles August. Wing flutter analysis of a typical high speed subsonic three engine jet transport. M-5349 XII/2/110

Henne, Preston Alan. Optimum technology economics for air transports. M-5430 XII/2/111

ENGINEERING, Biomedical

Bajwa, Sukhjinder Singh. An assist control device for paralysed patients using eye-blink switches. M-6095 XII/4/402

Cohen, Bernard Allan. Serial electroencephalographic signal evaluation of patients with cerebrovascular accidents. M-5288 XII/1/29

Franklin, Calvin George. An analysis of the use of engineering technology in the hospital and clinical environment. M-5710 XII/3/239

Lantz, Kurt Michael. Fluid mechanics of the cerebrospinal fluid: formation and absorption. M-5967 XII/3/239

McConnell, James R. A technique for the quantitative recording of precordial pulsations. M-5743 XII/3/240

ENGINEERING, Chemical

Goyal, Adarsh Rajendra. Calculating the thermal conductivity of glass fiber-reinforced plastics. M-6099 XII/4/402

Hagler, Dennis Harold. The manufacturing costs of plastics. M-5509 XII/2/111

Hatiangadi, Leja Satish. Application of modified McCabe-Thiele numerical method for multicomponent distillation. M-6092 XII/4/403

Hatiangadi, Satish Namdev. The application of generating functions to chemical engineering. M-6093 XII/4/403

Krishnamurthy, Muthukrishnan. Flow characteristics of solid wastes. M-5127 XII/1/30

Martin, Jr., Orville. Interdependence of solubility parameters and properties of paint systems on metals. M-5531 XII/2/14

Mokfienski, Alfredo. The influence of beating mechanisms on the conventional and load-elongation properties of paper. M-6105 XII/4/403

Ou-Yang, David Tien-Tung. Thermal analysis of crystalline poly(n-hexyl isocyanate). M-6088 XII/4/404

Patel, Vinaychandra Sankalchand. A study of the heat transfer to pulp slurries. M-6089 XII/4/404

ENGINEERING, Civil

Chandra-Chamnong, Vuddhiprasan. Study of thin concrete shells. [Abstract not Available] M-5525 XII/2/112

Chuephanich, Prasit. Complete design of a multi-story reinforced concrete structure. M-5147 XII/1/30

Grubb, Larry Keith. Architectural trends and foundation practices in the downtown Louisville area 1787-1910. M-5150 XII/1/30

Kayiran, Omer Zeki. Mathematical model for the steady spatially-varied flow with a decreasing discharge due to flow over a side-weir. M-5420 XII/2/112

King, Timothy Bruce. Laboratory determination of the horizontal subgrade modulus of sand. M-6362 XII/4/404

Leesavan, Saroj. Evaluation of coordinate reduction strategy in condensing the dynamic matrix. M-5529 XII/2/112

Martin, John Deverick. Socioeconomic factors as determinants of noise acceptance. M-6149 XII/4/405

Sukarom, Vichai. The analysis of cable supported structures by the five moment equation. M-5824 XII/4/405

Thamasucharit, Iam. The use of complex arithmetic for dynamic analysis of beam on elastic foundation. M-5536 XII/2/112

ENGINEERING, Electrical

Morrisette, Charles George. A four-phase auto alarm. M-5774 XII/3/240

Profeta, Jr., Joseph Andrew. A study of the electrical energization of electrostatic precipitators. M-5163 XII/1/31

Yew, Iong Uen. Wavelength measurements of optically pumped far-infrared molecular lasers. M-6104 XII/4/405

Wilson, George William. Computer-controlled positioning system for a radio-telescope antenna. M-5828 XII/3/240

ENGINEERING, Hydraulic

Hunt, John Paschal. The fluid resistance of shrouded and unshrouded circular cylinders in an oscillatory flow. M-5320 XII/2/113

ENGINEERING, Marine

LeVasseur, Craig. Design of a one-man, self-propelled underwater vehicle. M-5972 XII/3/241

Ward, Jr., Montague Richard. A fine fairing procedure for curved surfaces. M-6047 XII/4/406

ENGINEERING, Mechanical

Chung, Cheng I. The effects of temperature on tensile recovery of a polyester yarn held at fixed length. M-6143 XII/4/406

Ewing, Albert N. Instrumented impact testing of titanium alloys. M-5926 XII/3/241

Hardison, Therman Lee. An investigation of a movable-mass attitude stabilization system for cable-connected artificial-G space stations. M-5528 XII/2/113

Hsu, Chien-Yeh. A continuation of the study of the influence of selected yarn and fabric construction parameters on the transverse distortion of filling yarns. M-6107 XII/4/407

Jones, Ronald Dale. The design and construction of a hydraulic engine dynamometer for small automotive engines. M-6038 XII/4/407

Karani, Ron R. Experimental study of belt pick up of oil from a still water surface. M-5517 XII/2/113

Kumar, Lalit. Thermodynamic properties of transition metal (cobalt) antimony intermetallic compounds. M-5367 XII/2/114

Lochmann, Rodney. Tri-fuel conversion of a rotary combustion engine. M-5974 XII/3/241

Nease, Ardell William. Entrance laminar flows by boundary layer theory. M-6366 XII/4/407

Qasim, Javed. A general numerical method for forced and free convection problems. M-6371 XII/4/408

Radheshwar, Hari I. The influence of grain size and frequency upon ultrasonic attenuation in nickel. M-6142 XII/4/408

Schmidt, Douglas Chester. Ultrasonic wave propagation in continuously fiber reinforced materials. M-6098 XII/4/408

Schricker, Joe Harold. Laminar heat transfer in fully developed confined flows. M-6378 XII/4/409

Woodward, Bruce Chesley. A supercharged two-stroke cycle engine design with self-adjusting breathing characteristics. M-5404 XII/2/114

ENGINEERING, Metallurgy

La, Kien-Vinh. The influence of anodized finishes of aluminum and compound seal coatings on the fatigue lives of metallurgical materials. M-5372 XII/2/114

Wonacott, Gary Dean. Low and intermediate cycle fatigue of aluminum alloy 6951 and a computer code for application of low and intermediate cycle fatigue to the design of notched components. M-6026 XII/3/242

ENGINEERING, Nuclear

Jansen, Bruce Martin. Design study for a thermal column for L.T.I. Swimming Pool Reactor. M-6091 XII/4/409

Temple, Shaie-Mei. An analytic solution of the multi-group integral transport equation using asymptotic diffusion theory and boundary transients. M-6100 XII/4/409

Traiforos, Spyros. Measurement of fast neutron inelastic scattering cross sections of nickel using the $(n, n' \gamma)$ technique. M-6103 XII/4/409

ENGINEERING, Thermodynamics

Johnson, Ernest Malcolm. A calorimetric, non-destructive method of measuring plating thickness inside plated-through-holes. M-5513 XII/2/115

ENGINEERING MECHANICS

Childers, Clark Alan. Automated nonlinear analysis of net-type structures. M-5906 XII/3/242

ENTOMOLOGY

Fisher, Eric Martin. Robber flies of the genus *Zabrops* Hull, with a review of the North American genera of *Laphystiini* (diptera: asilidae). M-6342 XII/4/410

Hoffard, William H. Internal nematode parasites of *IPS* beetles in East Texas. M-5184 XII/1/31

Parker, Thomas Wilbur. Population fluctuations of selected Cicadellidae and Membracidae in the western Mojave Desert. M-5992 XII/3/242

Poole, Walton Charles. The vertical stratification of the macrobenthos in the Brazos River, Texas. M-5657 XII/3/243

Ragenovich, Iral Ruth. Impact of some carbamate and phosphate insecticides on *Dendroctonus frontalis* Zimmerman and *Ips* engraver beetles. M-5195 XII/1/31

ENVIRONMENTAL SCIENCES

Baker, Henry Barrett. A model of an environmental advisory committee for city government. M-6230 XII/4/410

Ely II, Marion Francis. Grapevine Lands: a land use plan and inventory. M-6174 XII/4/411

Majewski, Joseph Charles. Photochemical reactions of a fuel oil. M-5717 XII/3/243

Miller, Stephen A. The effects of sodium chloride on *Hyalella azteca*, *Ameletus sparsatus*, and *Tubifex tubifex*. M-6130 XII/4/411

Rei, Manuel Travers. Analysis of trace metals in the atmosphere of eastern Massachusetts. M-6144 XII/4/411

Rusch, Charles Frederick. A comparison between Upper Newport Bay and Bolsa Chica Bay: a guide for development. M-5266 XII/1/32

Schmid, Richard Wayne. Environmental land-use suitability study for a portion of Starr-Viejo Regional Park, Orange County, California. M-5765 XII/3/244

Williams, William Thomas. Noise pollution: a study in Kalamazoo, Michigan. M-5867 XII/3/244

FINE ARTS

Anson, Suzan Ann. Objects in response to the Cadaver. M-5879 XII/3/244

Atherton, Peter Barr. The apse mosaic of S. Pudenziana as an expression of the transitions between late antique and proto-medieval art in Rome. M-5325 XII/2/115

Badger, John C. Architectural motivations. M-5881 XII/3/245

Barker, Jimmy Harvey. The development of drawings through transformation of objects to subjective forms. M-5167 XII/1/32

Barrows, Dolores Ida. Juxtaposed biomorphic and geometric forms. M-5884 XII/3/245

Barrows, Harvey Lawrence. The treachery of images. M-5332 XII/2/115

Beek, Sandra C. Sculptural environment. M-5886 XII/3/245

Belin, Merwin Albert, Jr. Neon, light, and water. M-5887 XII/3/246

Belinoff, Deanne. Elusive images. M-5888 XII/3/246

Bock, Zachary. Eight sculptures in super eight: a film. M-5895 XII/3/246

Boehme, Kathryn Edith. Pulsating shapes. M-5894 XII/3/246

Brooker, Deidre Charleen. Zooerotica: report of the creative project. M-5331 XII/2/116

Brown, Barbara Fay. The use of embossed surfaces in selected paintings and original prints. M-5549 XII/2/116

Childress, William Boyd. Clay structures and . . . [An Explanation of Forms Combining Ceramic and Non-Ceramic Materials]. M-5907 XII/3/247

Churchill, Douglas Arthur. Phantasmagoric sculpture. M-5911 XII/3/247

Clark, Jr., Joe Louis. Application of Egyptian paste to earthenware forms. M-6279 XII/4/412

Crowe, Jon Page. The materials and techniques of phototransfer processes in painting. M-5480 XII/2/116

Cummings, Clare Frederick. The bronze Horse and Rider statuette in the J. B. Speed Art Museum: a study of its relationship to Leonardo and later sixteenth century Italian artists, and the examination of another bronze group possibly by the same hand. M-5805 XII/3/247

Douglas, Mary Jo. A study based on the principle of the cutout, in paper as well as other materials. M-5409 XII/2/117

Drew, Nancy Arlene. Quilting: covering up American style. M-6035 XII/4/412

Dye, James Curtis. Dakshina-murti: The South-facing Form. An inquiry into the evolution of an intellectual concept into artistic form. M-5921 XII/3/248

East, Allan David. American critical reaction and interpretation of European abstract painting exhibited in America in the period 1913-1939. M-5922 XII/3/248

Eastup, Paul Raymond. The alteration of negative area. M-5923 XII/3/248

Findlay, Robert James. The "Vaphio Cups": an analysis to differentiate the provenance of each cup. M-5411 XII/2/117

Gerrard, John Franklin. The Old God Contemplating His Portrait as Youth. M-5579 XII/2/117

Gordon, Margery Elaine. Still life as an expressive image in painting. M-5503 XII/2/118

Gray, Thomas Alexander. Graylyn, a Norman Revival estate in North Carolina. M-6197 XII/4/412

Hall, James Dale. Zoarchon. M-6037 XII/4/413

Hanna, James Walter. A comparative investigation of the application of photographic images to glass by screen-process enamel ink, screen-process glass etching, and transfer-key. M-5644 XII/3/249

Harader, Robert Andrew. Cerulean: a study of the female figure as posed in modern dance. M-5938 XII/3/249

Horner, David Linscott. Experimentations in construction, light, shadow, and architectonics. M-6293 XII/4/413

House, Sharon Lee. Exploration into being: thesis and catalogue of exhibition. M-5810 XII/3/249

Ingle, Larry Parr. Seripaintings and serisculptures. M-6219 XII/4/413

Johnston, Phillip Michael. A checklist of books relating to architecture and the decorative arts available in Philadelphia in the three decades following 1780. M-6198 XII/4/414

Jones, Elizabeth Fitzpatrick. Henry Whitestone: nineteenth-century Louisville architect. M-5811 XII/3/250

Jones, Stephen Earl. Aspects of forms under natural and artificial light. M-5951 XII/3/250

Kanchanadul, Kalayanee. Anatomical illustration as painting. M-5954 XII/3/250

Kasten, Sherry Eve Zvares. Pictorial space in interiors. M-5777 XII/3/251

Kirkwood, Martha Ann. The importance of structure in painting. M-5778 XII/3/251

Knock, Calvin Eugene. Contemporary edged steel implements. M-5962 XII/3/251

LaBorne, Kathren Elizabeth. Self. [Paintings Created in Water Colors and Acrylics on Paper and Canvas.] M-5965 XII/3/251

LaGue, John Brent. The mind odyssey. M-5370 XII/2/118

Larsen, Patrick Heffner. An examination of the use of an objective approach to interpret a frozen image.	M-5190	XII/1/33
Lavasser, Gary Wayne. Art homages.	M-5971	XII/3/252
Lawson, Lynne Adele. Cloud. [A Series of Lithographs Exploring the Nature of Clouds.]	M-5969	XII/3/252
Lowenstein, Sallie Claire. Depiction: people.	M-5469	XII/2/118
Maughan, Cynthia Lee. Video tape recordings.	M-5982	XII/3/252
Mirsch, Rebecca Ann. Concentrated focus in painting.	M-5467	XII/2/118
Monderer, Claire Ann. Rhythm and tension in pictorial space.	M-5780	XII/4/414
Munroe, Maria Carlota. The spatial problems of a standing figure in space.	M-5471	XII/2/119
Munson, Linda Louise Graupner. Raku, a ceramic process for use in the high school art program.	M-5375	XII/2/119
Nelson, Christina Hine. A selected catalogue of the Liverpool-type historical creamwares and pearlwares in the Henry Francis du Pont Winterthur Museum.	M-6199	XII/4/414
Nicar, Ronald Buddy. A study of the relationship of the art of Cerro de las Mesas to that of the Olmec.	M-5418	XII/2/119
Parton, Gary Alan. Marionette construction techniques for the senior high school.	M-5993	XII/3/253
Pate, Agatha Gail. Mythological implications in Navajo and Pueblo art.	M-5654	XII/3/253
Peterson, Janet Laverne. Environmental compositions.	M-5994	XII/3/253
Pfister, Harold Francis. Robert Morris, Isaac Ware, and John Gwynn: studies in English architectural theory, 1715-1759.	M-6200	XII/4/415
Russell, John Arthur. Lithia ceramics.	M-6076	XII/4/415
Saunders, Richard Henry. American decorative arts collecting in New England, 1840-1920.	M-5237	XII/2/120
Savatieff, Timothy Richard. Biomorphic neckpieces.	M-6003	XII/3/254
Sink, Patricia Ann. The Lady in Red.	M-5394	XII/2/120
Stock, Barbara Lee. Empathetic paintings of elderly attitudes.	M-6011	XII/3/254
Stromberg, Suzanne Schell. Afro-American art of the Harlem Renaissance.	M-5205	XII/1/33
Swartz, Gordon Paul. Moving blacklight colors.	M-6045	XII/4/416
Talbott, Elizabeth Page. The furniture industry in Boston, 1810-1835.	M-6201	XII/4/416
Teixeira, Marie O. Etching: its overall textural quality versus its calligraphic quality.	M-5783	XII/3/254
Terronez, Irene Benita. Reflections of a Mexican heritage.	M-6015	XII/3/255
Thomason, Barbara Colleen. The importance of force-fields in determination of the aesthetic image.	M-5789	XII/3/255
Whelan, Kip Larry. Ceramic landsculpts.	M-6025	XII/3/255
Wilson, Roger Dale. Art history art.	M-5403	XII/2/120
Yee, Roger Hon. Design for an improved response to isometric and isotonic exercise equipment.	M-5405	XII/2/121

Young, Vera Nikiforov. Development of the work of the artist—a critical analysis.
 M-5507 XII/4/121

FOLKLORE

McCarl, Jr., Robert Smith. Aurora Colony furniture: a model for the folkloristic interpretation of museum artifacts.
 M-6070 XII/4/416

GEOGRAPHY

Cobb, Russell Lee. A study of the relationship between perspective ability and map conceptualization in elementary school children. M-5232 XII/1/33

Hagy, Joe Ed. A comparison of topographic maps and aerial photographs as sources of physical geographic measurements. M-5750 XII/3/256

Halme, Kalervo Raymond. Environmental hazards and urban development: a historical, spatial and systems view of the city of Long Beach. M-5357 XII/2/121

Harris, Michael Kip. An analysis of the effects of plants on the microtopography of semiarid regions. M-5752 XII/3/256

Henry, James Albert. A correlation and regression analysis of particulate pollution and minimum temperatures in the Los Angeles area, 1958-1972. M-5424 XII/2/122

Hopp, Susan Lynn. A study of geography courses and teaching methods utilized in selected secondary schools of Iowa. M-6258 XII/4/417

Mitchel, Claire Furman. Equity in the delivery of medical care in Southeast Florida. M-6242 XII/4/417

Schlenk, Nathan Joseph. Drumlins—a study of their formative process in regards to latitude. M-5764 XII/3/256

Seeman, Sonia Henrietta Hubner. Some impacts of containerization on California port geography. M-5397 XII/2/122

Shaw, Valerie Leadley. A comparative morphologic analysis of three marine terraces at Santa Cruz, Palos Verdes Hills, Oceanside-Leucadia, and San Diego-La Jolla, California. M-5768 XII/3/257

Slakey, Stephen Louis. The Acorn Redevelopment Project, Oakland, California. M-5769 XII/3/257

VanHorn, Sharyn J. Defensible space in a privately-owned housing project. M-5308 XII/2/122

GEOLOGY

Heinsius, John Walter. The sediments and sedimentary environments of a barrier island, Cedar Island, Virginia. M-6117 XII/4/417

Hutcheon, Ian Edmondson. The tremolite isograd near Marble Lake, Ontario. [To obtain a microfilm copy please order directly from the National Library of Canada at Ottawa.] XII/3/257

Johanns, William Mathias. Petrogenetic and trend surface analysis of Hell Canyon Pluton, Montana. M-5239 XII/1/34

Markwell, Kenneth Eugene. Petrology and structure of the northwest quarter of the Anderson Ridge Quadrangle, Wyoming. M-5607 XII/3/258

Pellegrini, Thomas L. Bedrock geology of the Mamaroneck Quadrangle, New York - Connecticut. M-5315 XII/2/123

Peterson, James Carl. Geology of the Sweetwater canyon area and origin of interbasinal canyons, southwestern Montana. M-6162 XII/4/418

HEALTH SCIENCES, General

Hamilton, Mary Sue. A study of the microbial flora of scalp hair of nursing personnel. M-5272 XII/1/34

McCarthy, Carol Mary. Public policy and peer review: a study of the implications of the PSRO amendment and its impact in Nassau and Suffolk Counties in New York. M-5249 XII/1/35

HEALTH SCIENCES, Dentistry

Nordquist, D.M.D., William Dean. The effect of prior acid etch on the rate of $\text{Sn}_3\text{F}_3\text{PO}_4$ formation subsequent to topical SnF_2 treatment. M-5153 XII/1/35

HEALTH SCIENCES, Hospital Management

Mattei, Rev. Saverio Clement. Combine construction (an integrated approach to hospital building). M-4931 XII/1/36

Mazzola, Gerald. The ambulatory surgical facility: a guide to program planning. M-6083 XII/4/418

Nichols, Dixie Kay. The development of a technique to compile accurate patient demand statistics for menu item forecasting. M-6079 XII/4/419

HEALTH SCIENCES, Human Development

Peña, Eli Eric. Survey study of congenital clubfoot in the Rio Grande Valley area. M-5689 XII/4/419

HEALTH SCIENCES, Immunology

Fortwengler Jr., H. Philip. The antibody response to human blood group A antigen in the mouse. M-5526 XII/2/123

Lewis, Allen Mark. A microtiter system for detecting hepatitis B antigen using antibody purified by affinity chromatography. M-5468 XII/2/123

HEALTH SCIENCES, Nursing

Benson, Richard Edward. The relation between selected sociological factors and completion of licensed vocational nurse training. M-6390 XII/4/419

Mugleston, Carol Streadbeck. Education for parents of hyperactive children. M-5608 XII/3/258

Richardson, Lucille Bizzle. "Marginal" teenagers and levels of self-esteem. M-5609 XII/4/420

Wehrle, Mary Anne. Comparison of two tracheotomy suctioning methods. M-5610 XII/3/259

HEALTH SCIENCES, Nutrition

Mann, Barbara Fay. The use of music in teaching nutrition to second grade students. M-5204 XII/1/36

HEALTH SCIENCES, Pharmacy

Spratt, Elizabeth. Interfering compounds in urine screening for drugs. M-5801 XII/3/259

HEALTH SCIENCES, Public Health

Bobrow, Joseph Victor. A proposed comprehensive and public health oriented alcoholism treatment plan. M-6082 XII/4/420

Weston, David C. A dynamic flow study of medically derived radionuclides at the Virginia Key Wastewater Treatment Plant. M-5164 XII/1/37

HISTORY, General

Arnold, Kaye Grayson. *Journalistic images of the south, 1945-1970: a second national-ization.* M-4538 XII/1/37

Beatty, James Paul. *Thomas Jefferson and slavery.* M-5678 XII/3/259

Guthrie, Sarah Moores Walker. *Land of promise, land of change: an examination of the population of Hillsborough County, Florida, based upon a statistical analysis and compari-son of the population census abstracts for 1850 and 1860.* M-5593 XII/3/260

Hill, Judith Ann Refshauge. *Federal fugitive slave policy: apprehension to emancipation (the role of military conditions in forcing the issue of emancipation).* M-5753 XII/3/260

Jeffrey, Michael Alan. *Armored tactics from Kadesh to Israel: a study of mobile warfare from Biblical times to the present.* M-6295 XII/4/421

Lathrop, Gerald Richard. *The life of Peter Lassen.* M-5427 XII/2/124

McCoun, Richard Allan. *General George Brinton McClellan; from West Point to the Peninsula; the education of a soldier and the conduct of war.* M-5110 XII/1/37

Meyers, James Edwin. *Belize (British Honduras) in Anglo-Spanish relations: the independ-ent Englishmen of Central America, 1630-1834.* M-6108 XII/4/421

Smith, Vickie Dee. *The expulsion of Jesse D. Bright from the United States Senate.* M-6008 XII/3/260

HISTORY, Modern

Asberry, Robert Lee. *James Madison and the patronage problem, 1809-1817.* M-5626 XII/3/261

Behrens, Martha Clayton Skeeters. *Martin Luther's view of woman.* M-5628 XII/3/261

Bennett, John Robert. *The most glorious battle: a study of the English suffragettes.* M-5275 XII/1/38

Bielenberg, Douglas Georg. *The Dominican Republic crisis, 1965: imperialism or benign intervention?* M-5791 XII/3/261

Bounds, Gary Lee. *The radical republican Constitution of Missouri.* M-6250 XII/4/422

Boyd, Robert Gruber. *The development of the colonial ironworking industry, 1607-1776.* M-6391 XII/4/422

Chornock, Thomas Orestes. *The origins and early development of the Chinese Communist Party, 1918-1924.* M-6251 XII/4/422

Cuddihy, William John. *Search and seizure in Great Britain and the American Colonies, from 1000 to 1791: a comparative study of laws, legal opinion and practice respecting the origins of the Fourth Amendment to the United States Constitution.* M-5746 XII/3/262

Erlich, Robert Hendrik. *United States-Venezuelan relations, 1948 to 1958: a study of the regime of Marcos Perez Jimenez.* M-5792 XII/3/262

Feeley, Joan V. *Black drama echoes black desires evoking blackness.* M-5846 XII/4/423

Goodnough, Burt T. *The 1948 presidential election in the state of Florida.* M-5572 XII/2/124

Harrison, James Michael. *Mary Tudor: the evolution of a reputation.* M-6150 XII/4/423

Hayek, Jr., Karl Cyril. A history of domestic air freight service. M-5775 XII/3/262

Hitchcock, Caleb Staley. Tomorrow is another day: *Gone With the Wind* and the American mind. M-5217 XII/1/38

Hurt, II, James Mitchell. Boris Bakhmetev and the Russian Embassy through Revolution and Civil War, 1917-1920. M-5109 XII/1/39

Magness, Thomas Leroy. Constitutional pre-emption and environmental law: judicial response to the rise of federal dominance. M-6110 XII/4/423

Morgan, James Fredrick. Jefferson Davis: the military man and the politician. M-5263 XII/1/39

Petosa, Jr., Mario Daniel. The twenties: a decade of compulsory patriotism. The misuse of patriotism in New York City schools. M-5431 XII/2/124

Ross, John Raymond. Andrew Jackson Spradley, "a Texas sheriff". M-5563 XII/2/125

Sandoval, Sally Jane. Ghetto growing pains: the impact of negro migration on the city of Los Angeles, 1940-1960. M-5267 XII/1/39

Tatom, E. Lynn. The secret six and their theory of autonomous individualism. M-5663 XII/3/263

Vanderpoel, David. The ordination of John Calvin. M-6062 XII/4/424

Witherspoon, William Orville. Populism in Jack County, Texas. M-5673 XII/3/263

Worful, Stephen Craig. The negotiation of the Franco-Belgian military accord of 1920. M-5829 XII/3/263

Zachry, Barbara Luellen. The Tridentine historiographic tradition: an analysis of content and methodology. M-6196 XII/4/424

HOME ECONOMICS

Lamers, Hendrika. Evaluation of a manual used in a family financial crisis clinic. M-5373 XII/2/125

Wheeler, Betty Diane. An original survey and a review of literature indicating influences on the apparel choices of contemporary females enrolled in home economics classes in some Louisville and Jefferson County schools. M-5827 XII/4/424

INFORMATION SCIENCE

Glunt, John Denny. On the development of PERT/cost as a management information system and the specific application to a small government contract by a southern California aerospace firm. M-6036 XII/4/425

INFORMATION SERVICES, Data Processing

Bryan, Sam Dunn. Automatic pattern recognition: some general remarks and an implemented character recognizer. M-5286 XII/1/40

INFORMATION SERVICES, Information Storage and Retrieval Systems

Cagley, Edgar Max. A retrieval strategy for large, multi-key files requiring frequent updating. M-5618 XII/3/264

JOURNALISM

Andrews, Robert Glenn. The effects of an informational briefing on the attitudes of certain high school seniors in the Dallas-Fort Worth metropolitan area toward the Air Force ROTC training program. M-6273 XII/4/425

Baber, Dorothy Anne. *Where are we going?: the ideal, potential educational role of the state high school press association.* M-5270 XII/1/40

Cameron, Randy Duval. *The Outdoor Times: A readership survey and history of a specialized weekly newspaper.* M-5631 XII/3/264

Jones, Gregory Morgan. *A readership survey of the Denton Record-Chronicle.* M-5646 XII/3/264

Lawson, Mary Sue. *An historical analysis of Robert Keeshan and his television series: "Captain Kangaroo" with emphasis on a developed philosophy for children's television.* M-5547 XII/2/126

Mather, Anne Dudley. *A history and analysis of feminist periodicals.* M-5203 XII/1/41

Metcalf, Susan. *The Panola Watchman: a century for the "old reliable".* M-5562 XII/2/126

Norman, Mary Elizabeth. *A study of the selection of U.S. foreign news by three French foreign news editors.* M-5652 XII/3/265

Spear, Joseph Carroll. *The President and the press: a critical analysis of the Nixon Administration's policy toward the news media.* M-5505 XII/2/126

Whitehead, Marie Hall. *A history of The Rusk Cherokeean, 1847-1973.* M-6227 XII/4/426

LANGUAGE AND LITERATURE, General

Alker, Marietta A. *Surrealistic trends in Nikolaus Lenau's poetry.* M-5849 XII/3/265

Asphaug, Tulla Esther-Marie. *Les principaux sentiments romantiques évalués d'après la doctrine existentialiste. [French Text]* M-6333 XII/4/426

Bermúdez, Alberto C. *Versificacion en la obra poética de José de Espronceda: un ejemplo de la variedad romántica. [Spanish Text]* M-5570 XII/2/127

Bing, Louise Adele. *The relationship between the narrator and the Black Knight in Chaucer's *The Book of the Duchess*.* M-5290 XII/1/41

Bradley, Mary T. *Diana, Hecate, Luna: moon symbolism in three plays by Ben Jonson.* M-5852 XII/3/265

Chesnut, Charlene. *Saturnine figures in medieval literature: an iconographical study of the *Roman de la Rose* and six of Chaucer's *Canterbury Tales*.* M-5161 XII/1/41

Crews, Jr., James McRae. *The tragedy of ambition in the first and second tetralogies of Shakespeare's history plays. [Abstract not Available]* M-5711 XII/4/426

Davis, Betty Coale. *Renaissance courtesy literature and Shakespeare's English history plays.* M-6228 XII/4/426

DeShane, Connie Jean. *Matthew Arnold: the heroic dimensions of man's best self.* M-5639 XII/3/266

Everhard, Susan B. *Matthew Arnold and his prime ministers.* M-5641 XII/3/266

Farley, Charlotte Corley. *Facets of reflection: a study of the Brownings' use of imagery and specific detail.* M-5677 XII/3/266

Flahive, Helene Frank. *The origin of the Middle English lyric.* M-5312 XII/2/127

Gleason, Marjorie W. *King Horn: A study of theme and structure.* M-6239 XII/4/427

Hagemann, Meyly Baratta. *Hemingway's secret: visual to verbal art.* M-5809 XII/3/267

Holland, Retta Fain Wayland. Hawthorne's concept of the creative process.	M-5681	XII/3/267
Houge, Conrad Lloyd. Scott O'Dell: Success in children's literature.	M-5836	XII/3/267
House, Doris Ann Douglas. The motivation of Clarissa Harlowe.	M-6294	XII/4/427
Kruck, Colleen Ellen Rutherford. Copper Thighs.	M-6039	XII/4/427
McClaran, Nancy Eubanks. Emily and the child: an examination of the child image in the work of Emily Dickinson.	M-6300	XII/4/428
Mitchell, Alison Louise. Stories of Elmblossom Park.	M-5986	XII/3/268
Neifosh, Eileen B. Clarke. Spiritual humanism in John Milton's drama, <i>Samson Agonistes</i> .	M-6055	XII/4/428
Ply, Mary Sue. "Under hope of heavenly grace": Milton's concepts of hope and grace in <i>Paradise Lost</i> .	M-6224	XII/4/428
Pulis, Delores Jean. Methods of teaching spelling in junior high schools.	M-6262	XII/4/429
Ripley, James David. Nebraska harvest: some forces and character types in Willa Cather's Nebraska novels.	M-5316	XII/1/42
Rosello, Carlos G. La satira social de Mesonero Romanos y Larra. [Spanish Text]	M-5660	XII/3/268
Segal, Annia. Dramaturgy of A. S. Pushkin, [Russian Text]	M-5782	XII/3/268
Simpson, Dale Wilson. Modernized myth: <i>Beowulf</i> , J. R. R. Tolkien, and <i>The Lord of the Rings</i> .	M-6313	XII/4/429
Sullivan, Jennifer Eric Sims. Thoreau's use of imagery in <i>Walden</i> .	M-5662	XII/3/269
Van Cader, Carol. In a sea of <i>Hemingwaves</i> : a study of the relationship between Ernest Hemingway's <i>A Farewell to Arms</i> and William Faulkner's <i>Wild Palms</i> .	M-5538	XII/3/269

LANGUAGE AND LITERATURE, Linguistics

Dasher, Carole Vann. The breakdown of communication in the theater of Ionesco: a linguistic analysis.	M-5853	XII/3/269
Guido, Gary A. Liaison and <i>Enchainement</i> in French: a comparative experimental study.	M-5300	XII/2/128
Hammond, Robert M. An experimental verification of the phonemic status of open and closed vowels in Spanish.	M-5200	XII/1/42
Hulme, Antonia Lala. The phonology of the Spanish of Tampa, Florida.	M-5302	XII/2/128
Mager, Irene. A critical analysis of the teaching of French phonology.	M-5793	XII/3/270
Meyer-Burghagen, Beatrix. Pronunciation errors by American students of German.	M-5588	XII/3/270

LANGUAGE AND LITERATURE, Modern

Bell Jr., Robert William. Transcendence through death in selected fiction of Edgar Allan Poe.	M-5337	XII/2/128
Billy, Valerie Jean McGreevy. George Bernard Shaw's attitude toward women as it is reflected in <i>Man and Superman</i> and <i>Back to Methuselah</i> .	M-5311	XII/2/129

Chambers, Jr., Robert William. Poems, with an essay on Matthew Arnold and T. S. Eliot. M-6278 XII/4/429

Conforti, Diane Lynne. Frost's flowers. M-6271 XII/4/430

Crimmings, Constance Deane. Some women in Dreiser's life and their portraits in his novels. M-5680 XII/3/270

Diaz, Maureen O'Hara. Carson McCullers' conception of love. M-5297 XII/1/43

Eisman, Gregory Dwight. The importance of being Seymour: the dramatic function of Seymour Glass in the works of J. D. Salinger. M-5855 XII/3/271

Erdman, Katherine Mercer. Persuasion as power in Racinian tragedy. M-5279 XII/3/271

Fiore, Joseph Ralph. The questionable moral value of major characters in the later works of Henry James. M-5165 XII/1/43

Fox, Leo Anthony. Astrological imagery and the "eternal triangle" in three plays by Tennessee Williams. M-5298 XII/2/129

Gwinn, Erna Ottl. The Liederkranz in Louisville, 1848-1877. M-5527 XII/3/271

Haynes, Shirley Marie. John A. Williams: a novelist of the sixties. M-6217 XII/4/430

Hendry, Linda Ruth. The treatment of the heroines in representative novels of François Mauriac. M-6265 XII/4/430

Hubbell, David Frederick. Eudora Welty: an analysis of her fiction. M-5185 XII/1/43

Korn, Gary Alan. Hemingway's women—broken and unbreakable. M-6053 XII/4/431

Kromi, Edythe Darlene. Hemingway and the Aristotelian tragedy. M-6296 XII/4/431

Laughlin, Sally Margaret Cornette. Galician daily life and social customs as seen in Pardo Bazan's rural short stories. M-5649 XII/3/272

Lebolt, Gladys S. D. H. Lawrence, "the true redeemer". M-6054 XII/4/431

Levy, Elizabeth J. The concept of jealousy in selected works of Arthur Schnitzler. M-5796 XII/3/272

Mezei, Kathy. Anne Hebert's *Les Chambres de bois*: a translation and interpretation. [To obtain a microfilm copy please order directly from the National Library of Canada at Ottawa.] XII/3/272

Oller, Francisco E. Neruda in perspective: a comparative study of his poetry and selected poems by W. B. Yeats, Edith Sitwell, W. H. Auden and Robert Lowell. M-5210 XII/1/44

Ott, Paul D. "Death and the Child": a key to the Crane canon. M-6244 XII/4/432

Pfeiffer, Vicki Jean. The self in society: an examination of *With Shuddering Fall* and *Wonderland* by Joyce Carol Oates. M-5428 XII/2/129

Rafferty, Duane Neal. Edgar Allan Poe's journey and abyss motifs: order and disorder. M-6309 XII/4/432

Remillard, Leanora A. The heroes in Robert Browning's *The Ring and the Book*: priest, pope, and poet. M-5307 XII/2/130

Reno, Elisabeth Kaiser. A unifying theme in Heine's essay *Ideen. Das Buch Le Grand*. M-5590 XII/3/273

Schaaf, Gwendolyn Elmira. Brecht; the emotional intellect: a study of *The Mother* and *Mother Courage*. M-6059 XII/4/432

Sims, Anne Elizabeth Shelton. World view and the absurd: Flannery O'Connor and Eugene Ionesco. M-5158 XII/1/44

Smathers, Frank T. Loving bedfellows: Whitman and Zen. M-5292 XII/1/44

Smith, Abe Benavides. Religion and fantasy in selected novels of Ramón J. Sender. M-6314 XII/4/433

Smith, Philip Alan. Dark laughter: a prose poem. M-5317 XII/1/45

Stong, Emily. Philip Duffield Stong (1899-1957): "Novel Laureate of Iowa". M-6061 XII/4/433

Trogdon, Lezlie Dee. The influence of imagism and modern painting on the early floral poetry of William Carlos Williams. M-5664 XII/3/273

Tyler, Alice Carol. An analysis of the major characteristics of American black humor novels. M-6319 XII/4/433

Van Ryckeghem, Christian. A study of Stifter's *Der Nachsommer* in terms of Schiller's concept of the idyll. M-5577 XII/2/130

Weinhardt, Yvonne G. The role and treatment of women in the récits of André Gide. M-5670 XII/3/273

Wershoven, Carol Jean. The world unbalanced: the theme of disorder in the short stories of Flannery O'Connor. M-5309 XII/2/130

White, Virginia Ann. Modern Gothic elements in the novels of Carson McCullers. M-5684 XII/3/274

LAW

Anderson, Bruce McDonald. The Occupational Safety and Health Act of 1970: its genesis, implementation and impact (including a case study of the Texas Gulf Coast petrochemical industry). M-5569 XII/2/131

Dell'Osso, Jr., Mario Lino. Impact of the Occupational Safety and Health Act of 1970 on sawmills and plywood mills in Texas. M-5554 XII/2/131

Dohm, Jürgen Albert. Draft uniform law on international bills of exchange and international promissory notes: analysis of the rules proposed by the United Nations Commission on International Trade Law. M-5206 XII/1/45

Vega, Ruben Julian. The controversy over the constitutional authority of government eavesdropping. M-5416 XII/2/131

LIBRARY SCIENCE

Geoffroy, Melba J. The public library magazine collection and its patrons: a circulating periodical use study, Mishawaka (Indiana) Public Library. M-5833 XII/3/274

Hull, Barbara A. The school librarian in a leadership role as perceived by selected principals and librarians in Erie County, New York. M-4857 XII/1/46

Perry, Emma Bradford. A study to determine the effectiveness of a library instruction course in teaching the use of the library to upward bound students. M-5616 XII/3/274

Schneider, Evelyn Ruth. A study of seven library technology programs to determine to what extent the programs parallel the American Library Association criteria for library technology programs. M-6138 XII/4/434

Shaw, Katherine Virginia Beckner. A survey of graduate students in two library schools to determine the factors considered of primary importance in the selection of a library school. M-5252 XII/1/46

LIMNOLOGY

Sniffen, Robert Parker. A linear water quality study of Bayou Lanana from Nacogdoches, Texas to the Angelina River. M-5565 XII/2/132

MARINE SCIENCES

Brown, Peter Lawrence. Evaluation of a technique for measuring heterotrophic activity of bacterial populations in sediment. M-6049 XII/4/434

Penn, Gary J. Seasonal periodicity of dominant, benthic, marine macroalgae of the North Jetty of Brazos Santiago Pass, Texas, as related to environmental factors. M-5688 XII/3/275

Priano, Jr., Michael Philip. Distribution and numerical taxonomy of heterotrophic bacteria in the New York Bight, April and August, 1971. M-6056 XII/4/434

Reilly, Glenn Brian. A comparison of two geographically isolated populations of *Neanthes succinea* (polychaetous annelid) with special reference to physical and chemical parameters. M-5998 XII/3/275

Sciarrotta, Terry Charles. A telemetric study of the behavior of the blue shark, *Prionace Glauca*, near Santa Catalina Island, California. M-6005 XII/3/275

MASS COMMUNICATIONS

Dieter, Bruce Robert. The company style guide: a survey and analysis of its format, content, and utility. M-5202 XII/1/46

Gagnier, Chris Gerald. The code of honor of the Westerner: an analysis of the theme in selected Western films. M-6177 XII/4/435

Leach, Janice-Faye. Promoting self-determination through a national Indian newspaper: *Wassaja*: a case study. M-6205 XII/4/435

Nelson, Richard Alan. A history of Latter-day Saint screen portrayals in the anti-Mormon film era 1905-1936. M-6163 XII/4/435

Rawson, Janice Claire. The development and evaluation of behavioral objectives for junior college instruction about mass communications. M-5113 XII/1/47

Serafin, Arnold Patron. The evolution of open-circuit educational television in New York State (1948-1973). M-4956 XII/1/47

Serafin, Neil Marc. The growth of state-wide regulation of CATV by the State of New York. M-5738 XII/3/276

Smith, Ida Helen. A content analysis of coverage of the women's liberation movement in the five largest Southern California Daily newspapers. M-6189 XII/4/436

MATHEMATICS

Bass, Zerrial Calvin. Continua: from arcs to the indecomposable. M-6207 XII/4/436

Biggin, Merle Joe. The application of householder transformations to the solution of large photogrammetric triangulation problems. M-5520 XII/2/132

Dennis, William Albert. A partial characterization of upper semi-continuous decompositions. M-5638 XII/3/276

Dwyer, William Karl. Topologies on complete lattices. M-5640 XII/3/276

Fecke, Jr., Ralph Michael. Euclidean rings.	M-6285	XII/4/437
Garman, Brian L. Imbedding Cayley graphs.	M-6074	XII/4/437
Gracey, Christopher. Right hereditary rings with semisimple right quotient rings.	M-5481	XII/2/132
Griffin, Melva Elizabeth LaGrone. A study in convergence rates of infinite series.	M-6216	XII/4/437
Grossman, Jane Tang. Integral representations of the elements of a convex set.	M-5715	XII/3/277
Montemezzi, Marco Antonio. The wave equation and fractional differentiation.	M-5473	XII/2/133
Oliveri, Thomas James. The metrization problem.	M-5718	XII/3/277
Palmatier, Thomas Earl. Goldie theorems and generalizations.	M-5800	XII/3/277
Simmons, Nancy Jean. On morphisms of sheaf-spaces.	M-5714	XII/3/278
Singh, Ram RachhPal. Loss probabilities in queueing processes.	M-5842	XII/3/278
White, Irene Ault. Constrained regression analysis and selection of subset regressions.	M-5567	XII/2/133
Wozniakowski, Chester M. Uniform convergence and Fourier series.	M-6084	XII/4/437

MICROBIOLOGY

Anger, Claude Bernard. Extracellular deoxyribonuclease elaboration by bacteria.	M-5878	XII/3/278
Chiang, Nancy Sui-Heung. Survival of selected species of terrestrial and pathogenic microorganisms under deep-sea environmental conditions.	M-5341	XII/2/133
Chu, Peter Ka Mei. The efficacy of some commonly used preservatives in cosmetic products.	M-5910	XII/3/278
Caldella, Joyce Irma. Studies with an in vitro protein synthesizing system derived from <i>Acetobacter aceti</i> var. <i>liquefaciens</i> .	M-5522	XII/2/134
Curran, Kevin Lee. Some aspects of the replication of bacteriophage PM2.	M-5806	XII/3/279
Hetrick, Daniel L. Preparation, partial purification and characterization of an equine infectious anemia antigen.	M-5301	XII/2/134
Horkin, Paul S. Transformation in an extremely halophilic bacterium.	M-5356	XII/2/135
Johnson, Jerry James. Studies on the membrane associated L-malate dehydrogenase-oxidase complex of <i>Micrococcus lysodeikticus</i> .	M-5722	XII/3/279
Kasper, Kenneth C. Distribution of the chicken bursal cell antigen mosaic in tissues of selected animals.	M-6402	XII/4/438
Kemp, Ridney Joel. The distribution of <i>Coccidioides immitis</i> at Sharkstooth Hill, Oildale, California.	M-5958	XII/3/280
McDannel, Mildred Louise. Studies on the structure and location of the teichoic acid of <i>Bacillus subtilis</i> .	M-5815	XII/3/280
Nachtigall, Michael Horst. Metabolism of phenols and chlorophenols by activated sludge microorganisms.	M-6421	XII/4/438
Nakayama, Glenn Shigeru. Effects of metal ions on the biosynthesis of gibberellins A-3 and A-7 by <i>Gibberella fujikuroi</i> .	M-5377	XII/2/135

Quevedo, Rafael Angel. Interactions between microorganisms isolated from aquatic environments and the cyclodiene organochlorine pesticides aldrin and dieldrin. M-5575 XII/2/135

Sawyer, Richard Trevor. Phospholipid contents of a prokaryotic and a eukaryotic microorganism: a qualitative study. M-6077 XII/4/438

Simon, Timothy Michael. Separation of B and T lymphocytes by density gradient ultracentrifugation. M-5398 XII/2/136

MUSIC

Baughman, Charles A. Predicting success in instrumental music. M-5449 XII/2/136

Bouck, Marjorie L. *Aria Da Capo*: an opera in one act. M-5776 XII/3/280

Brungess, Kenneth Lee. A recital of twentieth-century trumpet and wind literature. M-5419 XII/2/136

Coin, Gregory McAfee. Developmental parallels in the evolution of musical styles: Romanticism, Jazz, Rock 'n Roll, and American Musical Theatre. M-5804 XII/3/281

Cottingham, Gerald Eugene. A survey of Northeast Missouri State University baccalaureate graduates in music education, 1960-1972. M-6252 XII/4/439

Craig, Edward William. Recommendations for music instrument replacement for the Anaheim Union High School District. M-5915 XII/3/281

Dargan, William Thomas. *3 Movements for 7 Winds*. [Original Composition] M-5453 XII/2/137

Falk, Dorissa R. A comparison of elementary music texts, 1895-1970. M-4749 XII/1/48

Hafner, James T. A history of the Mason City (Iowa) Public High School Concert Band (1931-1971). M-6256 XII/4/439

Hall, Donna Marie. Piano music inspired by the visual arts from 1870 to 1970. M-6289 XII/4/439

Hoover, Richard Lee. An analysis with historical background of selected compositions of American organ music. M-6348 XII/4/440

Hoyle, Stephen Edwin. The songs of Aaron Copland. M-5318 XII/1/48

Jenkins, Michele Arlene. The use of rhythm instrument training to improve arm and hand function in physically handicapped mentally retarded adolescents and adults. M-5949 XII/3/281

Johnston, Thomas Frederick. From frottola and chanson to early madrigal: a Venetian metamorphosis. M-5741 XII/3/282

Jones, George W. A study of mutes for tuba. M-5645 XII/3/282

Maddry, Marleen Ann. Piano fugues of the Romantic era (1826-1900). M-6445 XII/4/440

Martin, James Morris. The minor choral works of Hector Berlioz. M-6299 XII/4/440

McCary, Betty Lee Tharp. *Patientiā Percipemus: We Gain, Learn, Perceive By Suffering, Patience, And Endurance*. [Original Composition]. M-5457 XII/2/137

Miller, Karl Frederick. *Concerto For Oboe, Harpsichord, Percussion And Strings*. [Original Composition] M-6304 XII/4/441

Moomaw, Charles Jay. A PL/1 program for the harmonic analysis of music by the theories of Paul Hindemith and Howard Hanson. M-5230 XII/1/48

Purcell, David Lee. <i>Transvection For Band</i> . [Original Composition]	M-6170	XII/4/441
Reed, Thomas Schrock. Six-six musical theory, an investigation of the theoretical suitability of the double whole-tone scale series as a basis for pitch calculation.	M-6263	XII/4/441
Rosenbaum, Earl. Erik Satie: <i>Parade</i> .	M-6185	XII/4/442
Ruck, Dennis Ira. <i>Symphony No. 1</i> . [Original Composition]	M-5781	XII/3/282
Stevens, Robert George. A survey of the keyboard prelude.	M-6009	XII/3/283
Thomson, Roberta Jane. The keyboard intabulations by Bernhard Schmid II of the twelve vocal motets in his tabulatur buch . . . of 1607.	M-5459	XII/2/138
Thorberg, Mildred Carroll. Contrapuntal style in the motets of Josquin Des Prez.	M-5508	XII/2/138
Weiss, Dean Clifford. A selected repertoire of Hebrew sacred music for use in the secondary school choral program.	M-5772	XII/3/283
Wong, Sidney. <i>Graduate Recital Thesis In Composition</i> . [Original Composition]	M-6331	XII/4/442
Zorko, George Mathew. <i>Psalm</i> . [Original Composition]	M-5676	XII/3/283

OCEANOGRAPHY

Thomas, Howard H. Investigation on the attachment and early development in a natural population of <i>Codium fragile</i> subspecies <i>Tomentosoides</i> .	M-5595	XII/3/284
--	--------	-----------

PHARMACOLOGY

Gandhi, Ashok C. Internal hydrostatic pressure in gels.	M-5434	XII/2/138
Lucas, Aaron Edward. The effects of acute and chronic morphine administration on the cardiovascular system of the dog.	M-5814	XII/3/284
Morris, Patricia L. The effect of tertiary and quaternary atropinic compounds on the ovarian follicles of intact and hypophysectomized mice.	M-5313	XII/1/49
Schaefer, James Anthony. Some aspects of S-(-)-nicotine biochemorphology.	M-5156	XII/1/49
Yuhas, Edward M. Studies on the mechanism of release of corticosteroids by endotoxin in rats.	M-5213	XII/1/49

PHILOSOPHY

Dixon, Patricia Eileen. The "Symposium": a literary and philosophic work of art.	M-5501	XII/2/139
Klasky, Charles M. Logical types and the mind/brain identity theory.	M-6405	XII/4/442
Malin, Glenn Paul. Tables: scientific descriptions and explanation.	M-5980	XII/3/285
Vollmer, Arlene Abrams. Weakness of will: Plato and Aristotle.	M-5401	XII/2/139

PHYSICS, General

Beyl, Lawrence Michael. Multidimensional formulation of the general relativistic equations of motion.	M-6233	XII/4/443
Blankenship, Virginia Leann. A comparative study of the traditional lecture and the self paced tutorial means of classroom management in technical physics.	M-5548	XII/2/140

Franco, Albert Julius. Canonical procedures for population dynamics.	M-5930	XII/3/285
Knisley, Charles Richard. Energy correction due to particle interaction.	M-6406	XII/4/443
Mudgett, Ralph Alvin. Field radiation of spin 1 massless particle.	M-5233	XII/1/50
Nevins, David William. The Stern-Gerlach experiment.	M-4954	XII/1/50

PHYSICS, Atomic

Falconer, Thomas Harold. $K\beta/K\alpha$ x-ray radiative transition probability ratios for elements of low atomic number.	M-6410	XII/4/443
Morford, James Vincent. Operation and maintenance of accelerator for neutral bombardment level-crossing spectroscopy.	M-5450	XII/2/140
Panossian, Samuel Laurice. A recent survey of K x-ray and L x-ray radiative transition probabilities.	M-6368	XII/4/444
Vidmar, Robert Joseph. L_α and H_α emission cross sections for hydrogen atom impact on nitrogen and oxygen.	M-5322	XII/2/140

PHYSICS, Elementary Particles

Eneyew, Tilahun. A generalized Dirac equation with spin 1.	M-6115	XII/4/444
--	--------	-----------

PHYSICS, Nuclear

Fink, IV, Stanton Fordice. The nuclear two body bound state and T matrix with a delta function interaction.	M-5927	XII/3/285
Heavenrich, Jr., Robert Maurice. A direct measurement of the ratio of the reaction cross sections for two-photon and three-photon positron annihilation in aluminum and silver.	M-5227	XII/1/50
Karatzas, Phillip Thomas. Neutron inelastic scattering cross sections for natural chromium via $(n,n'\gamma)$ reactions.	M-5510	XII/2/141
Rochau, Gary Eugene. Measurement of neutron differential cross sections using the associated particle method.	M-6073	XII/4/444

PHYSICS, Optics

Graver, William Robert. Holographic compensation of residual aberrations in optical systems.	M-5728	XII/3/285
Markham, Dale Lance. An investigation of photographic phase holograms.	M-6326	XII/4/445
Massey, Randall Ray. Construction and evaluation of vacuum mirror-making system.	M-5561	XII/2/141

PHYSICS, Plasma

Kaput, Terry Michael. The measurement of the electromagnetic spectrum of a noisy plasma with special emphasis on the radio frequencies.	M-6350	XII/4/445
---	--------	-----------

PHYSICS, Radiation

Luck, Carl Alexander. Generation of new submillimeter and far infrared laser sources by near infrared excitation.	M-6145	XII/4/445
Wallace, Robert Monroe. Operator formulation of perturbation theory applied to model quantum systems.	M-6023	XII/3/286

PHYSICS, Solid State

Childress, Larry Wayne. Relaxation time measurements for collision processes in the surface layers of conductors and semiconductors near 10 GHz. M-5635 XII/3/286

Edwards, Edwin Paul. The Shubnikov-de Haas effect in Yb. M-5924 XII/3/286

Loving, Jeffrey Richard. A comparison of conventional and Van Der Pauw techniques in studies of mercury-doped germanium. M-5303 XII/2/141

Perl, Neil Kenneth. Low energy electron diffraction: simplified reflection coefficients. M-5384 XII/2/142

Rynne, Jr., Edward F. Deduction of impurity wavefunctions from photo-ionization properties. M-5863 XII/3/287

Villanucci, Dennis Peter. Surface plasma oscillations on disordered binary alloy grating surfaces. M-6102 XII/4/446

PHYSICS, Spectroscopy

Lull, Marianne Oriel. A spectrographic method for determination of lead in human blood utilizing the far ultraviolet wavelength region. M-6127 XII/4/446

Miskin, Alan Stephen. The vertical distribution of upper atmospheric sodium. M-5589 XII/3/287

PHYSIOLOGY

Engster, Henry Martin. A study of the effects of dietary fish oil and an essential fatty acid deficiency in the white leghorn chicken. M-6327 XII/4/446

Harlow, Henry James. Physiological adaptations of the California newt *Taricha torosa* to an aquatic and terrestrial environment. M-4941 XII/3/287

Nielsen, Terrance Paul. Serum digoxin in man: relationships to age, renal function, and thyroid hormones. M-5380 XII/2/142

Romiti, Jerry Aldo. The activity of the intrinsic laryngeal muscles during sneezing. M-5386 XII/2/143

PLASTICS TECHNOLOGY

Chu, Albert Chuck-Ping. The nuclear magnetic resonance studies of polyvinyl alcohol and polyvinyl acetate. M-5518 XII/2/143

Dhabalia, Dilip M. Production of ABS by polyblending in motionless mixers. M-6094 XII/4/447

Jhaveri, Nishith J. Graphite fiber reinforcement in thermoplastics. M-5511 XII/2/143

Ong, George Niu. Drying of plastic resins. M-6097 XII/4/447

Shah, Hemant R. Interaction of polymer molecular weight and solid plasticizer in rigid vinyl plastics. M-5719 XII/3/288

Shah, Rajendra Shantilal. Heat balance in the cooling of the injection mold. M-6085 XII/4/448

Wilson Sr., Charles Robert. Some applications of gel permeation chromatography to plastics technology. M-5512 XII/2/144

POLITICAL SCIENCE, General

Athos, Deborah E. A new focus for the study of personal influence: public school desegregation. M-6231 XII/4/448

Battles, Judith Caroline Pruett. Faculty participation in university governance. M-5627 XII/3/288

Bonser, Robert Dale. <i>Herbert Marcuse. [A Survey of His Writings]</i>	M-5330	XII/2/144
Canady, Jr., John Edward. <i>Locke's law of nature.</i>	M-5160	XII/1/51
Cremins, Patrick James. <i>The evolution of Chinese nuclear weaponry: effects on Sino-Soviet relations.</i>	M-5443	XII/2/145
Datta, Suhashni. <i>Racial integration and educational policy in Kenya.</i>	M-5545	XII/2/145
Flint, Kenneth Douglas. <i>Political exchange and Guatemalan voting patterns: the presidential elections of 1966 and 1970.</i>	M-5928	XII/3/289
Gaddis, Robert L. <i>The German Social Democratic Party, 1949-1953: an analysis of Schumacher's bid for mass support.</i>	M-6116	XII/4/448
Gillott, Roger Lee. <i>The New Radicalism.</i>	M-5352	XII/2/145
Guss, Donald. <i>The Retail Merchants Association of Louisville, Kentucky: the study of the function of RMA in the community and its relationship to the community.</i>	M-5808	XII/3/289
Ibrahim, Etty Zainab. <i>The Alliance Party and the process of political integration in Malaysia.</i>	M-6065	XII/4/449
Jones, Urban L. <i>Marijuana and crime: a critique and proposal.</i>	M-5682	XII/3/289
MacLeod, Scott Roderick. <i>The emergence of intelligence as a factor in American foreign policy.</i>	M-5429	XII/2/146
Mafukidze, Takawira Shumba. <i>Towards inevitable conflict: an examination of the political effect of the 1923 award of internal self government to the colony of Southern Rhodesia.</i>	M-5209	XII/1/51
Matthes, Horst-Dieter. <i>Racial and ethnic school segregation: a comparative analysis.</i>	M-5304	XII/2/146
Nelson, David John. <i>American foreign policy and the cold war: the case of naval presence in the Mediterranean.</i>	M-5112	XII/1/51
Osiri, Sirichai. <i>The impact of the United States on politics in Thailand.</i>	M-6308	XII/4/449
Sankey, James Lee. <i>The political thought of Bernard Crick.</i>	M-6002	XII/3/290
Sena, Gilbert Louis. <i>The politics of New Mexico, 1960-1972.</i>	M-5115	XII/1/52
Snapper, Bruce Lynn. <i>Alienation as a transmitter of political values.</i>	M-5388	XII/2/146
Sono, Themba. <i>The dynamics of Zimbabwe nationalism: a study in political activism of African nationalist movements in Rhodesia from 1956 to 1972.</i>	M-5212	XII/1/52

POLITICAL SCIENCE, International Law and Relations

Dolan, Michael Buell. <i>A statistical test of neo-functionalist hypotheses.</i>	M-5502	XII/2/147
Hahn, Gary Alan. <i>The siege of England: an organizational process study of decision-making.</i>	M-5359	XII/2/147
Ishak, Elizabeth Ann. <i>United States foreign policy in the Middle East with reference to Zionism, 1945 to mid-1973.</i>	M-6324	XII/4/449
Kirchner, Robert Arthur. <i>International behavior in conflict situations: an interaction analysis of aspects of third party involvement.</i>	M-5504	XII/2/147
Mericle, Thomas Cameron. <i>The effect of the Ostpolitik on the opposing bloc systems in Europe.</i>	M-6169	XII/4/450

Partain, Philip Michael. Soviet decision-making for weapons: a bureaucratic perspective. M-6370 XII/4/450

Robertson, Dale Boice. A field theory analysis of Soviet foreign behavior with special emphasis on alternative research strategies. M-5797 XII/3/290

Slater, Robert Owen. International activity in a conflict situation: a quantitative analysis of interaction in the Middle East system. M-5460 XII/3/290

POLITICAL SCIENCE, Public Administration

Anthony, Richard Vernava. Alternative forms of decentralized public administration. M-5324 XII/2/148

Blackburn, Jr., Audley. The job of city manager from two points of view. M-5679 XII/3/291

Gaddis, Dan Allen. The flak catcher: a study of the public administration management consultant. M-5412 XII/2/148

Golden, Jerry Wayne. The influence of the Division of Planning Coordination on regional council development in Texas. M-6287 XII/4/450

Kronenberg, Vernon J. All together now: Canadian defence organization, 1964-1971. [To obtain a microfilm copy please order directly from the National Library of Canada at Ottawa.] XII/3/291

Rowan, Malcolm. An evaluation of management in the trade commissioner service. [To obtain a microfilm copy please order directly from the National Library of Canada at Ottawa.] XII/3/291

Selby, Nancy Lois. Affirmative action: a tool for the equal employment of women. M-5766 XII/3/292

Smith, Bradley F. Pollution abatement at the regional level: a case study of the Grand River Watershed Council. M-5724 XII/3/292

Smith, Russell Lane. Toward a causal model of Texas city manager policy role orientations. M-6315 XII/4/451

Thomson, Linda M. Administrative guidelines for the development and implementation of relocation programs for migrant agricultural workers. M-6247 XII/4/451

PSYCHOLOGY, General

Anderson, David Clair. Effects of two personality variables on risk-taking behavior. M-6389 XII/4/451

Bacon, Ansley. A "systems analysis" of an applied behavior analysis laboratory course and an experimental analysis of attendance and prompt assignment completion. M-5865 XII/3/293

Bearden, Sadie Mae. Conditioned hypoglycemia related to sequential order of conditioned stimulus and unconditioned stimulus. M-5333 XII/2/149

Bellah, James Robert. Miniscript analysis as a counseling tool. M-5462 XII/2/149

Blair, Marjorie Wallace. Self concept and the stigma of overweight. M-5692 XII/3/293

Boldt, Jan Elizabeth. Personality differences between oral and total-communication deaf subjects as measured by the California test of personality. M-5281 XII/1/53

Brown, Carl Hadley. The Bender-Gestalt Test and its relationships with intelligence and organicity in neurologically impaired and emotionally disturbed children. M-5629 XII/3/293

Carreker, Helen L. The effect of learning set acquisition on the IQs of disadvantaged preschool children. M-5632 XII/3/294

Conkright, Robert Keith. Tone insertion vs tone deletion: a parametric evaluation. M-5551 XII/2/149

Coyne, Paul Douglas. The effects of informational feedback on the grading accuracy of undergraduate assistants. M-6122 XII/4/452

Crackel, Robert James. The changing role of the priest from facilitator of escape responding to mediator of positive reinforcement. M-5524 XII/2/150

Fecher, Phyllis Elaine. A psychophysiological study of response to fear evoking stimuli. M-6111 XII/4/452

Fils, Kenneth Albert. A survey and synthesis of the creative process. M-4966 XII/1/53

French, Martha Anne. The amount of information gained through psychological research. M-5348 XII/2/150

Gieck, William Rudolph. Measuring love in marriage. M-5463 XII/2/151

Gold, Leon Samuel. The spatial framework of form perception: individual differences with respect to phenomenal and retinal determination of spatial reference. M-5857 XII/3/294

Gordon III, William Knox. Sex dimension of the Dogmatism Scale: a factor analysis. M-6288 XII/4/452

Gossie Jr., Michael. Sex differences in extreme response style. M-5643 XII/3/294

Grace, James Anthony. Meaningful retirement in terms of health, companionship and use of time. M-5694 XII/3/295

Herencia, Cristina. A psycholinguistic study of reversibility as a sentence characteristic. M-5542 XII/2/151

Hersch, Lee Edwin. Self-actualization as it relates to the decision to have children. M-5464 XII/2/151

Hirte, Richard Michael. Some personal characteristics and motives of volunteer phone counselors. M-5943 XII/3/295

Jahn, Gerald Leroy. The effects of the implementation of the Talmadge Act on self-ratings and ratings of significant others in AFDC families. M-5277 XII/1/53

Jones, Robert Earl. Birth order effects and underrepresentation of first-borns in continuation school. M-5847 XII/3/296

Kambak, Scott Steven. Attraction impressions: resistance to change as a function of personal constructs. M-5953 XII/3/296

Leigh, Douglas Scott. Recent developments of phenomenological psychology in the United States and their implications for empirical inquiry. M-6166 XII/4/453

Long, Sandra Louise. American men and their response to the self-actualizing woman. M-5282 XII/1/54

Lowenthal, Bonnie Barbara. Instituting a token economy with parent volunteers in a public school program. M-5976 XII/3/296

MacCallum, Michael John. Creativity and transcendental meditation. M-5979 XII/3/297

Meehan, Kenneth Andrew. An investigation of the influence of role playing and response style on the survey of ethical attitudes: the psychometric and conceptual properties of a measure of a dimension of moral judgment. M-6179 XII/4/453

Metz, George Frederick. Some dimensions of loneliness among women as measured by the semantic differential. M-5699 XII/4/453

Modeli, Craig Alan. Locus of control and political participation. M-4958 XII/1/54

Moore, Wendy Diane. Polarity effects in syllogistic reasoning. M-6180 XII/4/454

Murphy, Raymond Gerard. Actual and ideal self-concept and their recall as a function of adjustment. M-5700 XII/3/297

Newman, Barry James. The effect of attitudinal similarity and evaluation on anxiety arousal. M-5989 XII/3/297

O'Donnell, Edmond Gabriel. The relationship of anxiety to diagnosis (pre and post). M-5702 XII/3/298

Ortiz, Eduardo A. Determinants of humor appreciation in elementary school children. M-5544 XII/2/152

Pegelow, Jr., Edwin Fulton. Prediction of reading improvement in remedial reading clinics. M-5656 XII/3/298

Peters, Michael William. Sex differences in questionnaire studies of self-disclosure. M-6183 XII/4/454

Pinkow, Ann Renée. Parental and teacher attitudes toward the discussion of death with nursery-school-aged children. M-6374 XII/4/454

Pranke, Gregory Robert. Bio-feedback training and its effects upon perennial asthmatics. M-5703 XII/4/455

Queen, Thomas V. A comparative study of early admission and regular admission college freshmen. M-5839 XII/3/298

Reitz, Andrew Louis. The development of generalized imitation in an autistic boy. M-6118 XII/4/455

Rutledge, Howard Elmer. A comparison study of human values of the Vietnam Prisoners Of War experiencing long-term deprivation. M-5705 XII/3/299

Schmitt, Jr., Arthur Frederick. A measure of self-actualization of the naval aviator. M-4969 XII/1/55

Simpson, Rickey Lance. A comparison of the effectiveness of nondirective group play therapy and behavior modification techniques on childrens' interactions in a preschool setting. M-6429 XII/4/455

Swistak, Jr., Leonard Eugene. A systematic analysis of between and within grader variability as affected by answer key condition, grader experience, and test set assigned. M-5280 XII/1/55

Warburton, Rex Munn. The effect of information feedback on the predictive capabilities of probation officers. M-5708 XII/3/299

Warner, Janel R. The effects of dental hygiene information and consequence on plaque control. M-5241 XII/1/55

Williams, Frances Marie Marabou. A humanistic approach to relevant training for teachers of black children. M-6437 XII/4/456

Williams, Paul Byron. An analysis of the effects of time and competing responses on data reliability. M-5235 XII/1/56

Williams, Randy Lee. The combined and differential effects of two types of preparatory quizzes on college student behaviors. M-4860 XII/1/56

Winter, Laura Lee. A comparison between self-paced and instructor-paced instructional systems. M-5451 XII/2/152

PSYCHOLOGY, Clinical

Baustian, Carolyn Anne. High school drop-in center—teacher attitude, student and ethnic problems. M-5885 XII/3/300

Bornstein, Robert Alan. An investigation of the effects of randomization of the item order in the Mini-Mult. M-5596 XII/3/300

Brown, Evelyn June Cobb. An investigation of selected social and psychological correlates of feminine role perception. M-5172 XII/1/56

Brown, Terrence Wayne. Confidence realization as related to success in classroom learning. M-5338 XII/2/153

Busse, Wilma Joan. A normative and validation study of the behavior problem checklist. M-5720 XII/3/300

Carlisle, Joseph Frank. A study of the relationship between *Wechsler Adult Intelligence Scale* scores and Koppitz's *Human Figure Drawing Test* scores for mentally retarded adults. M-6277 XII/4/456

Conekin, Albert McKenzie. Personality traits as related to vocational interest patterns. M-5637 XII/3/301

Decker, Robert E. A speech development program for autistic children using simultaneous communication. M-5445 XII/2/153

Dotson, Victor A. The effects of observer load on inter-observer agreement. M-6323 XII/4/457

Duncan, Phillip Kent. A classroom investigation of delayed timeout with educable retarded children. M-5843 XII/3/301

Flynn, Michael H. The application of group contingent reinforcement to hospitalized adolescents. M-6286 XII/4/457

Ford, Loren Lewis. Attitudes of parents and teachers of junior high students in Southern California towards death, dying, and grief. M-5929 XII/3/301

Gibson, Robert Scherer. The projective expression of need for achievement in women. M-6266 XII/4/457

Gibson, Jr., Walter Glenn. Preferential reinforcement with institutionalized mild and moderate mental retardates. M-6215 XII/4/458

Goldberg, Lewis Stanley. The Rotter I-E Scale as a predictor of success in a self-control program for smoking. M-5506 XII/3/302

Guidry, Robert Turner. An empirical evaluation of three marathon group therapy formats: role playing, non-verbal techniques, and non-directive encounter. M-5181 XII/1/57

Gumm, Ronald J. Peer recording and its effects on observer behavior. M-5244 XII/1/57

Hampstead, William J. A review of research with benzedrine, dexedrine, and ritalin on the hyperkinetic behavior syndrome. M-5721 XII/3/302

Hance, Gloria E. A two-part instrument for rating clinical skills. M-5477 XII/2/153

Himes, Jerome Allen. Elimination of cigarette smoking, employing a new aversive conditioning procedure. M-6291 XII/4/458

Howe, Burley Ray. The role of interview management in modifying self-perception. M-6399 XII/4/458

Jobe, Avis Marie. A comparison of two methods of implosive therapy: the importance of the therapist's presence. M-5187 XII/1/57

Johnson, Richard Kenneth. Locus of control construct in EEG alpha rhythm control. M-5152 XII/1/58

Khan, Mazhar Ahmad. The utility of the Maxi-Mult in an outpatient psychiatric clinic. M-6124 XII/4/459

Kozlowski, Thomas. An investigation of the Maxi-Mult. M-6126 XII/4/459

Kuncel, Ernest Emil. Methadone madness. M-5964 XII/3/302

Kwant, Fred. Cross-validation of a heroin addiction scale from the MMPI on an outpatient sample of heroin addicts and vocational rehabilitation clients. M-5159 XII/1/58

Logan, Ann Catherine. Differential scores of feminists and traditional women on the ego strength (ES) scale of the Minnesota Multiphasic Personality Inventory (MMPI). M-5650 XII/3/303

McCary, Stephen Paul. A measure of level of sex information. M-5742 XII/3/303

McKown, Stanley Earl. The relative efficacy of positive expectancy versus no expectancy in the use of anxiety-relief conditioning. M-5651 XII/3/303

Nelson, Elliott B. Black identity and racial preference for community service personnel. M-5082 XII/1/58

Ninness, Herbert Arthur Christian. The effect of elimination of subvocalization with electromyographic feedback on reading speed and comprehension. M-6307 XII/4/459

Norton, Carole Lynn. Chemical aversion therapy for morphine addiction. M-5653 XII/3/304

Price, Anne Haynes. How To Befriend Billie Sue—an audio-visual documentary on community mental health in Appalachia. M-5426 XII/2/154

Richter, Leo Michael. A study of the relationship between selected counseling variables and both counselor and client outcome ratings of counseling. M-5472 XII/2/154

Rodgers, Marsha Leigh. Teaching two simple non-verbal syntaxes to two autistic children. M-5659 XII/3/304

Romaniuk, Jean Gasen. The effects of self-monitoring on the frequency of talk-out behavior. M-5866 XII/3/304

Romaniuk, Michael. Smoking modification research: an evaluative review. M-6134 XII/4/460

Rucker, Linda Susan. A comparison of discrimination learning using auditory versus auditory and visual training procedures. M-6311 XII/4/460

Sealy, Thomas Beauchamp. The efficacy of anxiety-relief therapy and systematic desensitization in the treatment of snake-phobic behavior. M-5661 XII/3/305

Seaman, Maida Joan. The effect of sex and sexual preference upon sex-role attitudes. M-6428 XII/4/460

Shaughnessy, John James. The prediction of Teacher Corps intern performance: a comparison between test results and clinical evaluation. M-5533 XII/2/155

Shaul, Richard Davis. Conscious manipulation among clinical groups and normals on the personal orientation inventory. M-6187 XII/4/461

Skinner, William M. A review of short forms of the MMPI. M-6330 XII/4/461

Smith, William Michael. A comparison of group systematic desensitization, group covert positive reinforcement, and test-retest in the treatment of test anxiety. M-6316 XII/4/461

Switlick, LeRoy J. Reliability of recording as affected by behavioral consequences. M-6139 XII/4/462

Taber, June S. Evaluation of an on-going group process. M-5269 XII/1/59

Van Buskirk, Thomas Fredrick. A comparison of volunteers to non-volunteers in terms of cooperation in a psychological study. M-5666 XII/3/305

Vance, Ivan N. An experimental analysis of the efficacy of anxiety-relief conditioning. M-5667 XII/3/305

Vincent, Jr., Amos J. The Rorschach secondary space response. M-5668 XII/3/306

von Zumwalt, Kathryn Estelle. The effect of progressive relaxation training upon anxiety in musculo-skeletal pain patients. M-6022 XII/3/306

Weimer, Glenn Del. Intellectual appraisal of Mexican-American children: English vs. Spanish, reinforcement vs. nonreinforcement. M-5669 XII/3/306

Young, James Robert. A comparison of an avoidance contingency with a positive-reinforcement contingency. M-5675 XII/3/307

Zamosky, Alan Stuart. A classroom investigation of the effect of delayed time-out from activities of different reinforcing value. M-5872 XII/3/307

Ziegler, Wilma Zoe. Variations of manifest anxiety level in patients with spinal cord injuries. M-5841 XII/3/307

Zuercher, Elke. The construction of a pictorial test measuring aggression in boys. M-5541 XII/2/155

Zweibach, Stephen M. Polygraph use in increasing the reliability of self-recorded data. M-5868 XII/3/308

PSYCHOLOGY, Experimental

Adelman, Judith Anne. The effects of an absence policy on attendance and grades. M-6119 XII/4/462

Ahroon, Judith Klippel. The influence of the male on maternal behavior in the Mongolian gerbil. M-5734 XII/3/308

Ancoli, Sonia. Authoritarianism, introspection and alpha wave biofeedback conditioning. M-6332 XII/4/462

Averill, Kenneth Gordon. Amygdala lesions and bait-shyness in albino rats. M-5326 XII/2/155

Balgie, Gerald Michael. The use of personal constructs in person perception. M-6172 XII/4/463

Barkmeier, David Raymond. The effects of three different mastery criterion levels on undergraduate test performance. M-6120 XII/4/463

Blocker, Carol Spaulding. The effects of instructional role and involvement upon perceived social dominance in a portrait-rating task. M-5170 XII/1/59

Bloom, Alan S. Cycloheximide and adrenergic drugs: effects on passive avoidance. M-5144 XII/1/60

Boggs, Joan Warmbold. The positive effects of study objectives generalize to novel probes. M-6063 XII/4/463

Brady, Jr., John Irvin. The effect of social isolation and partial sensory deprivation on an auditory vigilance task. M-5171 XII/1/60

Burghardt, Jr., Walter Francis. The discriminative properties of response-contingent feedback in the maintenance of shuttle-box avoidance. M-6235 XII/4/464

Cael III, William Ward. Neural correlates of signal detection under non-arousal and arousal conditions. M-5295 XII/1/60

Calvey, Patrick John. Discriminative cue and modelling effects in children's "helping" and "hurting" behaviors. M-6341 XII/4/464

Charter, Richard Allen. Relationship between neuropsychological test results and pneumoencephalographic findings. M-5344 XII/2/156

Corum, Charles Ronald. The effects of parachlorophenylalanine on behavior in the rat after REM sleep deprivation. M-5148 XII/1/61

Dannhaus, Dale Milton. The relationship between operant performance, habituation and punishment of the display response of *Betta splendens*. M-6212 XII/4/464

Davidson, Thomas Bradford. Classical conditioning with brief duration unconditioned stimuli. M-5175 XII/1/61

Dehem, James Louis. The application of behavior analysis to business and industry. M-5613 XII/3/308

De Merssman, Lois Marie. A classification and review of group contingency procedures used in educational settings. M-5598 XII/3/309

Dobson, Kerrie Sue. Frequency selectivity at three stimulus intensities. M-5748 XII/3/309

Duncan, Michael Oliver. Response duration in acquisition, discriminated avoidance, and extinction. M-6164 XII/4/465

Dunroe, William Drew. A developmental study of the electroencephalogram in children. M-5107 XII/1/61

Ersoff, Jeffrey Alan. Recognition memory for semantic and syntactic aspects of sentences: a developmental study. M-5199 XII/1/62

Filewich, Robert John. The effect of punishment on "abnormal" position "fixations". M-5735 XII/3/309

Frink, Stephen Bruce. Length of array as a component of acoustic confusability in short-term memory. M-5931 XII/3/310

Gibbs, Michael Edward. The effects of testosterone propionate and food deprivation on the spontaneous and competitive dominance of castrate male rats. M-5180 XII/1/62

Gutmann, Arlyne Jeane. Schedule induced polydipsia, a study of the contrast effect on a multiple fixed time schedule of food delivery. M-5215 XII/1/62

Harrington, Nancy Lee Ellzey. The effects of magnitude of reward and delay conditions involving oddity concept discriminations in pigeons (*Columba livia*). M-5736 XII/3/310

Hess, Karen Ann. Cognitive complexity and other structural aspects of personal construct systems. M-6398 XII/4/465

Hill, Suzanne Frances. Subjective correlates of EEG alpha activity with auditory and visual feedback stimuli. M-5941 XII/3/311

Irwin, Dianne E. Detection of a two component signal in noise: evidence for the multi-band model. M-5261 XII/1/63

Kahle, Lynn Richard. Predicting attitude change from attitudinal entailment. M-5837 XII/3/311

Karimi, Elahe. A comparative analysis of a patient trainer versus a student trainer as therapeutic agents in occupational therapy setting. M-5723 XII/3/311

Kaye, James Harper. Behavioral contrast after errorless discrimination learning as a function of non-contingent shock. M-5242 XII/1/63

Keenan, David Michael. The effects of simultaneous but unequal response-independent pay to pairs of human subjects on masseter EMG and bodily movements. M-6123 XII/4/465

Keller, Jeanne O. Effects of a token economy in a university classroom. M-5364 XII/2/156

Kent, Harry Mason. A behavioral-analysis, systems approach in a university-based, food co-operative. M-6125 XII/4/466

Kritkausky, Robert Peter. The manipulation of expectations regarding the effectiveness of hypnotic analgesia suggestions. M-5813 XII/3/312

Laham, Sandra Lee. The design and development of an educational data processing system. M-5576 XII/3/312

Linden, Barry William. The control of two physiological functions with the aid of biofeedback. M-6363 XII/4/466

Lodge, Richard Job. An analysis of behavioral contrast in a concurrent schedule using qualitatively different reinforcers. M-5243 XII/1/63

Lydic, Ralph B. Effects of punishment intensity on auto-shaped key pecking and consummatory behavior in bobwhite quail (*Colinus virginianus*). M-6221 XII/4/466

Lyons, James Jay. Extraversion-introversion and person perception. M-5977 XII/3/312

Martinez, Marco Wilfredo Salas. The acquisition of number identification as a function of the type of stimulus presentation. M-6167 XII/4/467

Mecoli Jr., James T. The effects of different behavioral definitions on peer recording and observer behavior. M-6268 XII/4/467

Merrill, Walter Earl. Parabrachial nuclei and taste. M-5983 XII/3/313

Milligan, Glenn Wesley. A re-evaluation of the proof of secondary reinforcement through the established response paradigm. M-5984 XII/3/313

Minervini, Michael Albert. Availability of an aggressive response during Sidman avoidance. M-6329 XII/4/467

Mohr, Evelyn Sue. Second-order schedules: unequal fixed ratio components. M-5470 XII/2/156

Moore, John Nicholas. Contrast effects in the acquisition of a brightness discrimination. M-6243 XII/4/468

Morey, John Christopher. The effects of incentive and frustrative cues on the acquisition of an alleyway running response in rats. M-6306 XII/4/468

Olwell, Edward J. Positive and neutral brain stimulation used in one-way avoidance learning and recall. M-5991 XII/3/313

Peebles, John Leonard. The interaction between response-independent fixed-time tail shock and chronic voluntary alcohol consumption in squirrel monkeys. M-6131 XII/4/468

Phelps, Jr., Henry Lloyd. Development of the meaning of *first* and *last*. M-5278 XII/1/64

Plaska, Timothy G. Effects of UCS habituation on the conditioned aggressive display in *Betta splendens*. M-5523 XII/2/157

Pomeroy, Michael Lee. Relational training on a dimension and its effect on transposition behavior on an orthogonal dimension. M-6245 XII/4/469

Ratz, Michael. Specificity of cue to consequence: possible confounding effect of the behavior being modified. M-6206 XII/4/469

Rosen, Daniel. A neuro-clinical study of the spread of experimentally induced epileptiform discharge from the amygdala in cats. M-6135 XII/4/469

Savage, Joseph McIntosh. Alternating punishment and non-punishment of aggression. M-6136 XII/4/470

Scholes, Kathryn Anne. The effects of different levels of L-Dopa on the aggressive biting behavior of rats. M-6137 XII/4/470

Schweitzer, Barbara Susan. Moral judgment level and personality correlates. M-5787 XII/3/314

Shaw, Stuart Chapman. Weight magnitude estimation in schizophrenia. M-5767 XII/3/314

Simpson, Kenneth Lockwood. The effects of self-disclosure on personality attributions. M-5870 XII/4/470

Smiley, Richard Harry. The prediction of alpha control from selected personality characteristics. M-6381 XII/4/471

Spatz, Barry Charles. The effect of vitamin B₁₂ on memory in the cue to consequence relationship. M-5390 XII/2/157

Stava, Lawrence James. The effects of hypothermia on the classically conditioned heart rate response in the rabbit. M-6432 XII/4/471

Stinson, Wayne Russell. Perceptual narrowing in scuba divers. M-6010 XII/3/314

Syrja, Keith Vincent. A Q-sort historical analysis of the learning theories of Clark L. Hull and B. F. Skinner. M-5118 XII/1/64

Washburn, Donald Eugene. The effects of age composition of groups on the risky-shift phenomenon. M-5737 XII/4/471

Weiss, Richard H. Schedule induced polydipsia: effects of inter-food interval on access to water as a reinforcer. M-6080 XII/4/472

Wheatley, Richard D. Chromatic disk-ring metacontrast in a forced-choice paradigm. M-5539 XII/2/158

Wheeler, Royce Lee. Effects of amount of postshift training on resistance to extinction. M-6320 XII/4/472

Williams, John Burgess. An application of geometric principles to the place-versus-response issue. M-6321 XII/4/473

Winter, Stanley Dale. The effect of temporal separation on performance of a discrimination task. M-5448 XII/2/158

Wood, Linda Alice. Consolidation as the mechanism mediating long-delay gustatory learning in rats. M-6027 XII/4/473

Zane, Thomas Lee. The effects of different litter control procedures on movie audiences. M-5848 XII/3/315

Zell, Michael Aaron. Altruism as affected by deindividuation through altered time-orientation. M-6439 XII/4/473

PSYCHOLOGY, Industrial

Fogarty, Natalie Thomson. Criterion key for the Guilford-Zimmerman Temperament Survey for top level executives. M-5347 XII/2/158

Jorgensen, William K. Self-expressive styles of college students preparing for careers in English and physical education. M-5363 XII/2/159

McCann, Thomas J. Job satisfaction and work effort: a study involving use of the Herzberg two factor theory. M-6168 XII/4/474

Pearson, Paul A. Work, self, family, and life opinions of injured workers rehabilitated by two different strategies. M-5234 XII/1/64

Proni, Tullio John. The effects of changes in response-independent pay upon human masseter EMG. M-5251 XII/1/65

Sneddon, Jack Clifford. Supervisory effects on integration and morale in apartment buildings. M-6382 XII/4/474

PUBLIC RELATIONS

Bux, Robert Michael. Public relations at the Dr Pepper Company. M-6276 XII/4/474

Curtis, Carolyn. A survey of public relations in Texas' top 100 corporations. M-5552 XII/2/159

Mitchell, Barbara Ann. Public relations programs of American counties. M-6071 XII/4/475

Morley, William Charles. The potential for the application of the ombudsman concept by large corporations in the United States of America. M-5591 XII/3/315

Peaco, Freddie Lilly. The role of public relations in promoting job opportunities for the blind. M-5458 XII/2/159

RADIATION BIOLOGY

Shanley, John Patrick. The effects of total body irradiation on the ovaries of young female rats. M-6060 XII/4/475

RELIGION

Byrne, O.C.S.O., Rev. Richard. Living the contemplative dimension of everyday life. M-5207 XII/1/65

Cheshire, Jr., C. Linwood. The doctrine of the Holy Spirit in the Acts. M-6158 XII/4/475

Finley, John David. A comparison of the concepts of Jean Calvin and Henry Ainsworth on the church. M-6255 XII/4/476

Fitzgerald, S.S.J., Sister Mary Bethany. Humility: a fundamental attitude of religious living. M-5441 XII/2/160

Gadoury, S.S.A., Sister M. Rose Clarisse. Conversion and life of the spirit. M-5321 XII/2/160

Golden, Kenneth H. The effect of religiosity upon anxiety. M-5642 XII/3/315

Kelly, S.S.L., Sister Maureen. Spirituality and human spatial surroundings. M-5208 XII/1/65

Nichols, Robert L. Views on church and state in the Lutheran Church-Missouri Synod, 1885 to 1919. M-6204 XII/4/476

Schaut, O.S.B., Sister M. Romayne. Spirituality and the role of the family. M-5437 XII/2/161

Sheehan, O.M.I., Rev. John William. The ongoing movement of integration and the spiritual life. M-5439 XII/2/161

Sherman, R.S.M., Sister Sarah Marie. The lived experience of personal conflict: implications for spirituality. M-5440 XII/2/161

Surges, Mary Ann. Personal Christogenesis: the significance of the individual in the cosmogenetical paradigm of Pierre Teilhard de Chardin. M-5438 XII/2/162

Tracy, C.D.P., Sister Mary Fidelis. Man responding to changes: implications for spirituality. M-5211 XII/1/66

Warren, O.P., Sister Mary Esther. The meaning of dedication: growth in self-gift to God and man. M-5436 XII/2/162

SOCIAL PSYCHOLOGY

Ames, Janice Painter. Self-concept and task orientation of young children. M-5605 XII/3/316

Bacal-Trumbull, Richard Mark. The making of alternative families: a survey of twenty-six intentional families. M-5691 XII/3/316

Blahut, Neil W. The effect of imposed roles on the direction and magnitude of group polarization of initially dominant responses (risky shift) in small discussion groups. M-5831 XII/3/316

Blevins, Gregory A. Feeling good and helping: really? M-6267 XII/4/476

Goldstein, Ward Jay. The effects of increased information on the expressed national stereotypes of social science doctoral students. M-5693 XII/3/317

Hatton, David Edward. The effects of biasing information and delay of recall upon witness testimony concerning factual events. M-6346 XII/4/477

Kieselbach, Philip James. The interpersonal climate of profanity in the military service. M-5696 XII/4/477

Knepler, James Eugene. Personality and political attitudes of Filipino-American males. M-6075 XII/4/477

Lynch, JoAn Carol. A study of interdependence in a Tori community. M-5698 XII/3/317

Nelson, Charles Edward. Rape: an investigation into services offered by nationwide police departments and rape crisis centers. M-5701 XII/3/317

Paig, David Lucky. Group identification in the Jesus movement. M-6040 XII/4/478

SOCIOLOGY, General

Amans, Brenda Edith. Women's need achievement, role conflict and commitment to college graduation. M-5253 XII/1/66

Ashenhurst, Robert Eugene. Influence of business faculty upon students' attitudes: a partial replication of Edgar Schein's study of attitude change during management education. M-6328 XII/4/478

Avitable, Mayan. Women's names: a sociolinguistic indicator of perceived roles. M-5690 XII/3/318

Baughman, Thomas William. A Marxian analysis of the relations between capital and labor during the industrialization of American society—1850 to 1900. M-5461 XII/2/162

Beardmore, Glenn Everett, Evangeline Rae Wilkes Serafine and Gene Clark Serafine. Community awareness of alcoholism and its related problems in San Diego County. M-5706 XII/3/318

Berggren, Carole Jean. Security-insecurity as the basis for environmental perception. M-5745 XII/3/319

Bolling, Eric R. Knowledge of black achievers and the mobility attitudes, aspirations and expectations of black youths. M-5294 XII/1/67

Carrasco, Joaquin Carlos. An analysis of the inter-relationships between conventional political behavior, non-conventional political actions and conventional political beliefs. M-5296 XII/1/67

D'Amico, Michael Paul. Organizational development system of examination for promotion. M-5408 XII/2/163

Davis, Harold Walker and Robert Lamar Richardson. Attitude change as a result of U.S. Navy Inter-Cultural Relations Training. M-4610 XII/1/67

Dennis, Samuel Walter. A different view of alienation. M-5257 XII/1/68

Fernández, Richard Ramiro. Technology as an explanation for organizational structure. M-5258 XII/1/68

Fisher, Margaret L. Self-esteem and social participation: the role of the primary audience group in self evaluation. M-5259 XII/1/68

Funk, James Gaile. Status inconsistency in the Old Guard Fife and Drum Corps. M-6176 XII/4/479

Grosch, Randy. Fatness: societal reaction and the highly visible deviant. M-5299 XII/2/163

Hall, Larry Dale. Stratification and adolescent occupational aspirations. M-5151 XII/1/69

Haltzman, John Willie. The church of their father's. M-5614 XII/3/319

Hanson, George Clifford. Swinger: an empirical exploration of consensual extramarital sexual behavior. M-5751 XII/3/319

Hargrove, Eddie L. Children's attitudes toward death. M-6290 XII/4/479

Haynie, Delbert Larry. A model for a USAF Alcohol Information and Counseling Service. M-5835 XII/3/320

Jowers, James William. Attitudes and career motivation of the Naval aviator related to accelerated changes in United States Navy management. M-4967 XII/1/69

Kichen, Lee Fredric. Ethno-religious identification of Jewish college students. M-5838 XII/3/320

Klein, Christopher Paul. Fifth grade pupils' forest fire orientation in four selected communities. M-5557 XII/2/164

Kleymeyer, Charles D. The journey towards total dependency in the world of the key worker: a study of dependency on institutions focusing on chronic patients in a large mental hospital. M-5873 XII/4/479

Martin, Meredith J. Age, commitment, and academic success: a study of junior college students. M-5262 XII/1/69

McFarland, Kathy Lou. Hauser's Place: an ethnography of a businessmen's bar. M-5744 XII/3/320

Mendez, Amalia Alcantar. A comparative analysis of motivational characteristics of Mexican immigrant and Mexican-American males. M-5465 XII/2/164

Michels, Bernard Eugene. Social scenes of the male Gay community of San Diego. M-6068 XII/4/480

Nelson, Hugh A. Goals, integration and orientation toward clients in a parole setting. M-6181 XII/4/480

Poroy, Jane Keiko Takahashi. Housing requirements and preferences of Mexican Americans in Escondido. M-4986 XII/1/70

Quaak, Ruby E. Occupational choices and expectations of adolescent female students. M-6133 XII/4/480

Quinn, Michael Joseph. Dropouts among volunteers in probation. M-5704 XII/3/321

Quinn, Ronald Gene. Attitude consistency, social interaction and social situation. M-5238 XII/1/70

Reban, Ann Stacia. Physician utilization by a black aged population: a multivariate investigation. M-6310 XII/4/481

Riccio, Nicholas D. The occupational structure: a study of occupational status and anomie. M-6057 XII/4/481

Robins, Jr., Clarence Albert. Toward an operational definition of what is meant by "too little space": an essay in behavioral geometry. M-6058 XII/4/481

Spruance, Jr., Preston Lea. Navajo origin myth versions: an analysis of differences in motif content. M-5707 XII/3/321

Stapleton, Michael James. Woman's intuition as basic-defensive role-taking. M-6190 XII/4/482

Villanueva, Miguel Coronado. A feasibility study for the implementation of a cooperative of small businesses within the Spanish-speaking community of Escondido, California. M-5466 XII/2/165

Wheeler II, Robert Rogers. An examination of the distribution of women in regional professional associations of sociology, psychology, and political science. M-5617 XII/3/321

Williams, Raymond Earl. The effects of birth order upon affiliation under the conditions of stress and non-stress. M-5773 XII/3/322

Wolgamot, Edgar Kobel. American Catholic people and their priests: a comparison of religious and social attitudes. M-6109 XII/4/482

Zimmerman, Karen Voci. Symbol, structure and reality: forms of worship of the New England Shakers. M-5799 XII/4/483

SOCIOLOGY, Criminology

Andrews, John Landon. An examination of professional staff attitudes toward a para-professional program in a correctional agency. M-6031 XII/4/483

Barbosa, Jr., David. Employment opportunity for minorities with arrest records. M-5883 XII/3/322

Blanchard, Robert Earl. Development of a model standardized five core curriculum in administration of justice for the California community colleges. M-5892 XII/3/322

Boyer, Grant George. A study of the investigative process in the Pasadena Police Department. M-5897 XII/3/323

Burch, Gerald Wayne. Hypnosis, an aid to police interrogations. M-5901 XII/3/323

Chiarenza, Thomas James. An analysis of victimless crime. M-5905 XII/3/323

Colvin, Mark Wayne. The perceived seriousness of corporate crime and property crime by social class and exposure to prison. M-6280 XII/4/483

Cox, Deloris Machel. Women in law enforcement: police work. M-5345 XII/2/165

De Vault, Alfred Thomas. A survey study of master's degree programs in criminal justice located in colleges and universities throughout the United States and Canada. M-6408 XII/4/484

Doore, Daniel Patrick. The application of PERT/CPM to complex criminal investigations and law enforcement administration. M-6034 XII/4/484

Durkin, Stephen L. Security, privacy and accessing issues in data base administration. M-5920 XII/3/324

Evans, Rosalee Sandra. Transactional analysis: applied in a half-way house for women. M-5410 XII/2/166

Hunter, Walter John. A study of variables affecting the flow of information from personnel within a law enforcement organization to the intelligence section. M-5355 XII/2/166

Keller, Robert S. A study of the Trinidad, Colorado, Police Department. M-5956 XII/3/324

Kelly, Kenneth James. Academic achievement and its relationship to promotion on the Long Beach Police Department. M-5957 XII/3/324

Lugo Jr., Albert G. Selected case studies of police-community grievance procedures in a large metropolitan police organization. M-5368 XII/2/166

Nau, Donald Eugene. The development of an organized crime information base. M-5379 XII/2/167

Nelson, III, George Thomas. An analysis of the team policing concepts utilized by law enforcement agencies. M-5381 XII/2/167

Nelson, Richard J. A study of the budget process in police agencies by a graphic flow method. M-5425 XII/2/167

Smith, Robert Leonard. A descriptive analysis of administrative attitudes in college policing. M-6006 XII/3/325

TerBorch, Jr., Lester Fredrick. An analysis of white-collar crime. M-6046 XII/4/484

Wheelright, William G. The comparison and analysis of the juvenile traffic court. M-5402 XII/2/168

SOCIOLOGY, Demography

Bouxsein, Sandra Baxter. Job vacancies and job seekers: a sociological analysis of southern immigrants to Cleveland. M-5442 XII/2/168

Pittman, James Lee. The effects of distance from an SMSA on socioeconomic characteristics of residents. M-5194 XII/1/70

SOCIOLOGY, Family

Chatman, Arnedia Marie. An exploratory study of the grandmother's role as perceived by institutional and noninstitutional residents. M-5173 XII/1/71

Purvis, Cathy Bowen. The interaction of older persons with significant social networks. M-5821 XII/3/325

Ramirez, Richard Michael. Companionate-egalitarianism and Chicanismo: a study of Chicano spouse relationship relative to ethnic and political identity. M-6184 XII/4/485

Vander Voet, Richard. The religious factor as an influence affecting the attitudes of teachers toward sex education. M-5274 XII/1/71

SOCIOLOGY, Public Welfare

Maschhoff, Thomas A. Early effects of vasectomy: marital and sexual adjustment during the first three months. M-6155 XII/4/485

Moore, Ronald Leon. A comprehensive survey, index, and listing of community agency resources currently providing services to the residents of Charlevoix and Emmet Counties. M-5250 XII/1/72

Wirth, Susan Carol Medick. Ideological characteristics and role performance of the psychiatric technician. M-6195 XII/4/486

SOCIOLOGY, Race Question

MacCalla, Jacqueline Estelle. Cultural diversity among Caribbean blacks in the San Diego area: a case study. M-5236 XII/1/72

Turnbull, Wynette L. H. The correlation between societal attitudes and those of American fictional authors in the depiction of American Indians. M-6318 XII/4/486

Weisel, Jonathan Edward. The cosmopolitan-local orientation of aged blacks and whites in Denton, Texas. M-5671 XII/3/326

SOCIOLOGY, Socialism, Communism, Anarchism

Petersen, Phillip Arthur. Systemic adaptation: can the Soviet system accommodate the "Democratic Movement"? M-6132 XII/4/486

SPEECH

Bremmer, Dorothy M. Polarization in three of Spiro T. Agnew's speeches. M-5339 XII/2/168

Chovanetz, Jr., Benjamin Albin. The relationship between self-concept and empathic communicative ability. M-5636 XII/3/326

Demaree, Susan A. Distance in a dyad as affected by type of interview question and sex of interviewee. M-5177 XII/1/72

McClung, Jadie-Anne. Transactional analysis in the elementary classroom: PAC for children. M-6301 XII/4/487

McGee, Carla Creighton. The rhetoric of agitation and control in the Chartist Movement in England, 1837-1848. M-6303 XII/4/487

Ricks, Dana Carol. 1972 Presidential campaign investigation based on attitude measurements of candidate images. M-5658 XII/3/326

Roemisch, Jerry Joe. Family crisis intervention training: a creative framework. M-5683 XII/3/327

SPEECH PATHOLOGY

Andrews, Cathryn Evans. Gesture performance of five year old children. M-5327 XII/2/169

Applbaum, Denise. Grammar performances of kindergarten children. M-5329 XII/2/169

Begg, Frances J. An experimental study of response differences between culturally and economically diverse groups of preschool children to the Goldman Fristoe Test of Articulation. M-5407 XII/2/170

Briggs, Joanne Frances. A study of the correlation of the Auditory Sequential Memory Test of the *Illinois Test of Psycholinguistic Abilities* with the Auditory Attention Span for Related Syllables Test of the *Detroit Tests of Learning Aptitude*. M-6339 XII/4/487

Browning, Kathryn M. Normative intelligibility functions of a commercial version of the Northwestern University Auditory Test No. 6. M-5899 XII/3/327

Butcher, Lois May. Evaluating language growth in a preschool language clinic. M-6393 XII/4/488

Coley, Karen Elizabeth. Comparative intelligibility functions of two versions of Northwestern University Auditory Test No. 6. M-5912 XII/3/327

Haenel, Judith Lynn. Inter-list equivalency of a commercial version of Northwestern University Auditory Test No. 6. M-5937 XII/3/328

Hanrahan, Linda Louise. A survey to determine the incidence of allergies and other symptomatology in problems of sibilant distortion. M-6345 XII/4/488

Heynen, Patricia May. Verbal expression performances of kindergarten children. M-6347 XII/4/488

Huss, Linda Ann. Auditory closure performances in kindergarten children. M-5946 XII/3/328

Kadau, Virginia Elane. Comparative study of selected psycholinguistic skills of twins and singlettons. M-5952 XII/3/329

Kitselman, Kurt Palmer. The relationship between mean airflow rate and fundamental frequency in the modal register of adult males. M-6178 XII/4/489

Kramer, Leslie Davis. Auditory association performances of kindergarten children. M-5963 XII/3/329

McCallum, Timothy Dale. The use of bone conducted speech reception thresholds as an aid to diagnosis of middle ear pathology in a mentally retarded population. M-4959 XII/1/73

Roberson, Charlotte Lucille. Test-retest reliability characteristics of the California State University, Long Beach Preschool Language Screening Test. M-6377 XII/4/489

Seaver, III, Earl J. An investigation of the relationship between oral panendoscopic evaluations of velopharyngeal physiology and perceived listener judgments of hypernasality. M-5248 XII/1/73

Thompson, Caroline Shelby. An experimental study of certain psycholinguistic and motor abilities among familial versus non-familial child stutterers. M-5519 XII/2/170

Trowe, Pamela Jane. An experimental study of the subject's ability to discriminate between voiced and unvoiced presentations in speechreading. M-6016 XII/3/329

Watson, Jannet Miller. An experimental study to test for optimum facial angle for televised speechreading lessons. M-6024 XII/3/330

SPEECH-THEATER

Bedell, Jeffrey. A readers theatre adaptation of John Steinbeck's *Cannery Row*. M-5255 XII/1/74

Dukes, Marilee. A study of behavioral objectives as they relate to Speech Communication and Drama courses. M-6283 XII/4/489

Scanlon, Lee Edward. The Elizabethan middleclass on stage: six views from selected dramatists 1588-1620. M-5788 XII/3/330

Schempp, Carroll John. Lonne Elder's *Ceremonies in Dark Old Men*: a production thesis. M-5157 XII/1/74

STATISTICS

Collins, Brian Thomas. The theory of polykay statistics with applications to survey sampling. [To obtain a microfilm copy please order directly from the National Library of Canada at Ottawa.] XII/3/330

Emmert, Wilber Bryan. The extended Tukey procedure compared to the Scheffé and Bonferroni procedures. M-6114 XII/4/490

TEXTILE TECHNOLOGY

Agrawal, Arun Kumar. Investigation and comparison of needle punched felts of various fiber compositions and techniques of fabrication. M-6106 XII/4/490

Hogan, Hubertina D. Clayton. The relationship between hydrogen ion concentration and a water-oil repellent fluorochemical finish. M-5219 XII/1/74

K'e-Chieh, Chu. A continuation of the study of the influence of selected parameters on the air permeability of woven fabrics and the transverse distortion of filling yarns.

M-5122 XII/1/75

Mel, Bun Ryth. Prediction of the design characteristics of maximum weavable fabrics. M-5584 XII/3/331

Sok, Bunath. A study of fabric abrasion as a function of work input using the accelerotor as the abrasion instrument. M-6148 XII/4/491

THEATER

Amidon, Dale Michael. The reshaping of classical Greek myth by the French avant-garde as examined through the works of Cocteau, Giraudoux, and Sartre.

M-5500 XII/2/170

Broyles, Lanny Marshall. An analysis of the development of the character Benedick in *Much Ado about Nothing*. M-5334 XII/2/171

Caldwell, Raymond Harold. Characterization and structure in the playwriting of Brendan Behan. M-5630 XII/3/331

Dinkel, Paula J. Analysis of the lighting design for Christopher Fry's *The Lady's Not For Burning*. M-5747 XII/3/331

Elliott, Barbara Anne. "The Play's The Thing": Boyd Martin and the Louisville Little Theater Company. M-5807 XII/3/332

Elsner, Judith Jean. A production of Tom Stoppard's *Rosencrantz and Guildenstern Are Dead*. M-5925 XII/3/332

Fenner, Ronald Craig. A production of Georg Buchner's *Danton's Death*. M-6358 XII/4/491

Frisbee, Cornelia Helen. Facsimile reconstructions of the men's and women's garments for two selected periods. M-5932 XII/3/332

Gallo, Jean Louise. An analysis of the development of four Lorcan characters in *Visions of Lorca*. M-6414 XII/4/491

Gohata, Edith Constance Megumi Nishimoto. The production of *A Dragon Is . . .*, a shadow puppet play. [Original Play] M-6343 XII/4/492

Green, John Scott. A production of Tennessee Williams' *Cat on a Hot Tin Roof*. M-5350 XII/2/171

Hadlock, Oliver Patrick. A record of the development and execution of settings and lighting for a production of *Winterset*. M-6397 XII/4/492

Herman, Elaine. Guidelines for the organization of production elements for the community theatre director. M-5361 XII/2/172

Huffine, Sheryl Diane. An analysis of the development of the character Nancy Twinkle in *Little Mary Sunshine*. M-5354 XII/2/172

Jeppson, Buckley Carlos. The design and execution of the costumes for *Little Mary Sunshine*. M-5950 XII/3/333

Lazar, Lauren Sue. The rake-hero as a literary reflection of Restoration England. M-5455 XII/2/172

Lowry, Cynthia René. The acting styles of Ellen Gwyn, Anne Oldfield, Elizabeth Barry, Anne Bracegirdle, and Mary Saunderson Betterton. M-5191 XII/1/75

Mc Namara, John J. A comparison of three contemporary protagonists and the concept of the tragic hero. M-5111 XII/1/76

Redmon, Jr., Charles B. The educator/designer and a summer theatre workshop. M-5761 XII/3/333

Reeves, Ruthlyn Butler. *The Diary of Anne Frank*: a production thesis. M-5154 XII/1/76

Reinhardt. Denise Benkert. Deaf education and the arts: an investigation into the use of dramatic arts in the education of the deaf. M-5532 XII/2/173

Romney, Jennie Lynn. *Free Spirits*—an acting recital. M-5762 XII/3/333

Royer, C.S.J., Sister Judith Marie. Production analysis of T. S. Eliot's *The Cocktail Party*. M-5114 XII/1/76

Senne, Sherill Ann. Creating a role: description of a methodology utilizing the applied psychology of occult science. M-5268 XII/1/76

Tisdale, Gloria Annette. Religion in the Wayang Purwa. M-5790 XII/3/334

Tunsagul, Anchalee. The khon drama of Thailand. M-5537 XII/2/173

Yancey, Gloria Pauline White. The evolution of black drama. M-5830 XII/3/334

URBAN AND REGIONAL PLANNING

Bullen, Roland Wentworth Boniface. An analysis of the effects of citizen participation on the physical development of the city of Escondido. M-4964 XII/1/77

Kang, Dae Ki. Urban dominance on age structure in Korea, 1966. M-5319 XII/2/174

WATER CHEMISTRY

Dawson, Joseph Edward. The influence of Sam Rayburn Reservoir on the water quality of the Angelina River and Attoyac Bayou. M-5176 XII/1/77

Hale, James Newell. Existing water quality for the proposed site of Lake Nacogdoches. M-5182 XII/1/78

ZOOLOGY

Barton, Michael Glenn. Studies on the intertidal vertical distribution, food habits, and movements of five species of eel blennies (Pisces: stichaeidae and pholidae) at San Simeon, California. M-5254 XII/1/78

Bradley, Richard Alan. Geographic variation in the song of Belding's Savannah Sparrow (*Passerculus sandwichensis beldingi*). M-5898 XII/3/334

Bryant, Gary Lee. Fecundity, growth, and other aspects of the biology of the tule perch, *Hysterocarpus traski*, in the lower Sacramento-San Joaquin Delta. M-5900 XII/3/335

Corr, Patrick O. Bald eagle (*Haliaeetus leucocephalus alaskanus*) nesting related to forestry in Southeastern Alaska. M-5105 XII/3/335

Helfman, Eugene Saul. Ecology and behavior of the coconut crab, *Birgus latro* (L.). M-5452 XII/2/174

Iampaglia, Judith. A histological examination of the chorioallantoic membrane of chick embryos after receiving a graft of homologous adult spleen. M-4953 XII/1/79

Schamel, Douglas Lee. The breeding biology of the Pacific Eider (*Somateria mollissima v-nigra* bonaparte) on a barrier island in the Beaufort Sea, Alaska. M-5785 XII/3/335

Schreiber, Jr., Traynor C. Seasonal distribution of polychaetous annelids in Anaheim Bay, California. M-6004 XII/3/336

Schultz, Jeffrey Glenn. Pattern, sequence, and timing of molt in the fulvous harvest mouse (*Reithrodontomys fulvescens*) in eastern Texas. M-6225 XII/4/492

Stringham, Stephen Frederick. Mother-infant relations in semi-captive Alaskan moose (*Alces alces gigas*). M-5604 XII/3/336

Testa, Jacqueline Elizabeth. Morphology and zoogeography of *Phyllobothrium delphini* (Cestoda: Tetraphyllidea) in marine mammals. M-6435 XII/4/493

Van Meter, Victoria Brook. The sensory basis of host location by the pearlfish, *Carapus bermudensis* (Jones). M-5587 XII/3/336

Wells, Alan Wayne. Life history of the wooly sculpin, *Clinocottus analis* (Girard), at Point Fermin, California. M-6387 XII/4/493

CUMULATIVE AUTHOR INDEX

Abdel-Meguid, Sherin		Baber, Dorothy Anne	XII/1/40
Salaheldin	XII/3/201	Bacal-Trumbull, Richard Mark	XII/3/316
Aboukheir, Fouad Ramez	XII/4/364	Bacon, Ansley	XII/3/293
Adamson, Thomas Alexander	XII/3/215	Badger, John C.	XII/3/245
Adelman, Judith Anne	XII/4/462	Bailey, William R.	XII/3/339
Adler, Lynne Hixon	XII/1/24	Bajwa, Sukhjinder Singh	XII/4/402
Agee, David W.	XII/3/220	Baker, Henry Barrett	XII/4/410
Agrawal, Arun Kumar	XII/4/490	Baker, Johnny Ray	XII/3/189
Ahroon, Judith Klippel	XII/3/308	Balgie, Gerald Michael	XII/4/463
Akhtarzandi, Bijan Morad	XII/3/188	Balma, Kenneth Everett	XII/3/220
Alker, Marietta A.	XII/3/265	Banka, Carole Lynn	XII/1/6
Allen, Harry Steven	XII/3/220	Barbosa, Jr., David	XII/3/322
Allen, Paul V.	XII/1/6	Barker, Jimmy Harvey	XII/1/32
Al-Wardi, Hanaa Fethi	XII/3/189	Barkmeier, David Raymond	XII/4/463
Amans, Brenda Edith	XII/1/66	Barrows, Dolores Ida	XII/3/245
Ames, Janice Painter	XII/3/316	Barrows, Harvey Lawrence	XII/2/116
Amidon, Dale Michael	XII/2/170	Barton, Michael Glenn	XII/1/78
Ancoli, Sonia	XII/4/462	Bashandi, Moheb Moh. H.	XII/1/3
Anderson, Bruce McDonald	XII/2/131	Bass, Zerrial Calvin	XII/4/436
Anderson, David Clair	XII/4/451	Bates, Walter Grady	XII/1/2
Anderson, Frederick Douglas	XII/2/99	Battles, Judith Caroline Pruett	XII/3/288
Anderson, Lincoln M.	XII/3/232	Bauer, Marion Joyce	XII/2/108
Anderson, Mary Jean	XII/4/381	Baughman, Charles A.	XII/2/136
Anderson, Nain E.	XII/3/184	Baughman, Thomas William	XII/2/162
Andrews, Cathryn Evans	XII/2/169	Baustian, Carolyn Anne	XII/3/300
Andrews, John Landon	XII/4/483	Beacon, Elsie H.	XII/4/372
Andrews, Robert Glenn	XII/4/425	Beard, Erik Reed	XII/4/341
Anger, Claude Bernard	XII/3/278	Bearden, Sadie Mae	XII/2/149
Anson, Suzan Ann	XII/3/244	Beardmore, Glenn Everett	XII/3/318
Anthony, Richard Vernava	XII/2/148	Beatty, James Paul	XII/3/259
Applbaum, Denise	XII/2/169	Beavers, Randell Allen	XII/4/365
Appy, Ralph Grant	XII/4/348	Becker, Allyn Ronald	XII/1/16
Archibald, Eloise S.	XII/3/232	Beckman, Malind	XII/2/101
Arnold, Kaye Grayson	XII/1/37	Bedell, Jeffrey	XII/1/74
Arthur, Dennis R.	XII/2/177	Beek, Sandra C.	XII/3/245
Asberry, Robert Lee	XII/3/261	Begg, Frances J.	XII/2/170
Ashenhurst, Robert Eugene	XII/4/478	Behrens, Martha Clayton	XII/3/261
Asphaug, Tulla Esther-Marie	XII/4/426	Skeeters	XII/3/261
Atherton, Peter Barr	XII/2/115	Belin, Jr., Merwin Albert	XII/3/246
Athos, Deborah E.	XII/4/448	Belinoff, Deanne	XII/3/246
Attuquayefio, Alan B.	XII/4/367	Bell, Carl Eugene	XII/3/198
Averill, Kenneth Gordon	XII/2/155	Bell, Margaret Elizabeth	XII/1/7
Avitable, Mayan	XII/3/318	Bell Jr., Robert William	XII/2/128

Bell, Ronald De Allen	XII/4/378	Bounds, Gary Lee	XII/4/422
Bellah, James Robert	XII/2/149	Bouton, Rebecca Kyle	XII/3/190
Bellinger, Terry Richard	XII/2/84	Bouxsein, Sandra Baxter	XII/2/168
Bellmar, Richard Kent	XII/2/87	Boyce, Mark Stephen	XII/3/208
Bemis, David Lynn	XII/3/221	Boyd, Robert Graber	XII/4/422
Benn, William James	XII/2/102	Boyer, Grant George	XII/3/323
Bennett, George Norman	XII/4/357	Bradley, Mary T.	XII/3/265
Bennett, John Robert	XII/1/38	Bradley, Richard Alan	XII/3/334
Benson, Richard Edward	XII/4/419	Brady, Jr., John Irvin	XII/1/60
Berggren, Carole Jean	XII/3/319	Bremmer, Dorothy M.	XII/2/168
Berland, Georgia Beth	XII/4/372	Briggs, Joanne Frances	XII/4/487
Bermudez, Alberto C.	XII/2/127	Brooker, Deidre Charleen	XII/2/116
Bernard, William Henry	XII/3/221	Brown, Barbara Fay	XII/2/116
Berri, Roberta Ann	XII/4/386	Brown, Bruce Alan	XII/4/378
Berrier, Helen Victoria	XII/4/386	Brown, Carl Hadley	XII/3/293
Beyl, Lawrence Michael	XII/4/443	Brown, Evelyn June Cobb	XII/1/56
Bhat, Ajaz Ahmed	XII/4/341	Brown, Peter Lawrence	XII/4/434
Bielenberg, Douglas Georg	XII/3/261	Brown, Sharon Finnister	XII/1/25
Biggin, Merle Joe	XII/2/132	Brown, Terrence Wayne	XII/2/153
Bigney, Brian L.	XII/2/177	Browning, Kathryn M.	XII/3/327
Billy, Valerie Jean McGreevy	XII/2/129	Broyles, Lanny Marshall	XII/2/171
Bing, Louise Adele	XII/1/41	Bruncess, Kenneth Lee	XII/2/136
Birdwell, Jeffrey David	XII/4/362	Bryan, Sam Dunn	XII/1/40
Blackburn, Jr., Audley	XII/3/291	Bryant, Gary Lee	XII/3/335
Blahut, Neil W.	XII/3/316	Bryson, Jr., Hoy Lee	XII/2/81
Blair, Marjorie Wallace	XII/3/293	Buchanan, Kenneth W.	XII/1/29
Blanchard, Robert Earl	XII/3/322	Budd, Thomas William	XII/4/349
Blankenship, Virginia Leann	XII/2/140	Bugbee, Charlene Vivian	XII/4/387
Blanton, Lynn Suzanne	XII/4/381	Bujdos, Eugene John	XII/4/367
Blevins, Gregory A.	XII/4/476	Bullen, Roland Wentworth	
Blocker, Carol Spaulding	XII/1/59	Boniface	XII/1/77
Blondin, James J.	XII/4/366	Burch, Gerald Wayne	XII/3/323
Bloom, Alan S.	XII/1/60	Burghardt, Jr., Walter Francis	XII/4/464
Bobrow, Joseph Victor	XII/4/420	Burnett, Barry Stephen	XII/2/98
Bock, Zachary	XII/3/246	Busse, Wilma Joan	XII/3/300
Bockus, William Ward	XII/3/198	Butcher, Lois May	XII/4/488
Bodfish, Mildred Ethridge	XII/4/343	Bux, Robert Michael	XII/4/474
Boehme, Kathryn Edith	XII/3/246	Byrne, O.C.S.O., Rev. Richard	XII/1/65
Bogert, Christopher Michael	XII/3/218		
Boggs, Joan Warmbold	XII/4/463	Cadzow, Norman Glenn	XII/3/190
Boland, Laurence Joseph	XII/3/221	Cael III, William Ward	XII/1/60
Boldt, Jan Elizabeth	XII/1/53	Cagley, Edgar Max	XII/3/264
Boley, Hal David	XII/4/349	Caillet, Kenneth Craig	XII/3/226
Bolling, Eric R.	XII/1/67	Cain, James Larry	XII/4/357
Bonser, Robert Dale	XII/2/144	Caldwell, Raymond Harold	XII/3/331
Books, Jeffrey Thomas	XII/3/205	Callahan-Suma, Mary	XII/4/399
Bornstein, Robert Alan	XII/3/300	Calverley, Jr., Charles A.	XII/2/177
Bouck, Marjorie L.	XII/3/280	Calvey, Patrick John	XII/4/464
Boulware, Delores Pitts	XII/3/189	Calzon, Maria del Carmen	XII/4/381

Cambron, Mary Geraldine	XII/1/28	Collins, Leslie Clare	XII/3/212
Cameron, Randy Duval	XII/3/264	Collins, Mary Lou	XII/4/372
Campbell, Michael D.	XII/4/350	Collins, Robert Lee	XII/4/379
Canady, Jr., John Edward	XII/1/51	Colvin, Mark Wayne	XII/4/483
Carlisle, Joseph Frank	XII/4/456	Comish, Paul Thomas	XII/4/382
Carrasco, Joaquin Carlos	XII/1/67	Comito, Judith Ann	XII/3/233
Carreker, Helen L.	XII/3/294	Concha Sanchez, Jaime Humberto	XII/4/343
Carter, Caroline Merriam		Conekin, Albert McKenzie	XII/3/301
Eastman	XII/3/206	Conforti, Diane Lynne	XII/4/430
Cash, Howard Allen	XII/3/187	Conkright, Robert Keith	XII/2/149
Chambers, Jean Irvin	XII/3/226	Conlin, Alexander Patrick	XII/3/190
Chambers, Jr., Robert William	XII/4/429	Contreras, Lawrence	XII/4/387
Chandler, James Carl	XII/3/232	Conzen, Kathleen Alice	XII/4/388
Chandra-Chamnong,		Cook, Ellen Louise Goldston	XII/4/396
Vuddhiprasan	XII/2/112	Cooke, Nelson H. C.	XII/4/359
Chang, Charles Yu-chun	XII/2/95	Corr, Patrick O.	XII/3/335
Charter, Richard Allen	XII/2/156	Corum, Charles Ronald	XII/1/61
Chatman, Arnedia Marie	XII/1/71	Cosper, Larry Tom	XII/4/379
Cheshire, Jr., C. Linwood	XII/4/475	Cotter, Robert William	XII/4/392
Chesnut, Charlene	XII/1/41	Cottingham, Gerald Eugene	XII/4/439
Chiang, Nancy Sui-Heung	XII/2/133	Court, Jr., Richard H.	XII/4/361
Chiarenza, Thomas James	XII/3/323	Cox, Deloris Machel	XII/2/165
Childers, Clark Alan	XII/3/242	Coyne, Paul Douglas	XII/4/452
Childress, Larry Wayne	XII/3/286	Crackel, Robert James	XII/2/150
Childress, William Boyd	XII/3/247	Craig, Edward William	XII/3/281
Chimerine, Harvey Alan	XII/3/239	Crawford, Douglas Kim	XII/2/109
Chomock, Thomas Orestes	XII/4/422	Cremins, Patrick James	XII/2/145
Chovanetz, Jr., Benjamin Albin	XII/3/326	Crews, Jr., James McRae	XII/4/426
Christian, Carol Elizabeth	XII/3/226	Crimmings, Constance Deane	XII/3/270
Chu, Albert Chuck-Ping	XII/2/143	Crist, Michol Lynn	XII/4/344
Chu, Peter Ka Mei	XII/3/278	Crouch, Vernon Lee	XII/4/397
Chuephanich, Prasit	XII/1/30	Crowder, James David	XII/1/1
Chung, Cheng I.	XII/4/406	Crowe, Jon Page	XII/2/116
Church, David Carlton	XII/4/396	Cuddihy, William John	XII/3/262
Churchill, Douglas Arthur	XII/3/247	Cummings, Clare Frederick	XII/3/247
Cialdella, Joyce Irma	XII/2/134	Cummings, Susan Gail	XII/2/87
Cianflone, Daniel	XII/1/26	Curran, Kevin Lee	XII/3/279
Cisneros, Baltazar	XII/4/365	Curtis, Carolyn	XII/2/159
Clark, Cynthia A. Rosenberger	XII/4/387		
Clark, Jr., Joe Louis	XII/4/412	D'Amico, Michael Paul	XII/2/163
Clark, Laurence Cassin	XII/2/108	Dannhaus, Dale Milton	XII/4/464
Cleveland, Margaret Ruth	XII/1/19	Dargan, William Thomas	XII/2/137
Cobb, Russell Lee	XII/1/33	Dasher, Carole Vann	XII/3/269
Cochran, John R.	XII/2/178	Datta, Suhashni	XII/2/145
Cohen, Bernard Allan	XII/1/29	Davidson, Thomas Bradford	XII/1/61
Coin, Gregory McAfee	XII/3/281	Davies, Garry	XII/2/83
Cole, Larry James	XII/3/214	Davis, Betty Coale	XII/4/426
Coley, Karen Elizabeth	XII/3/327	Davis, Harold Walker	XII/1/67
Collins, Brian Thomas	XII/3/330	Davis, Katherine	XII/1/26

Davis, Robert William	XII/3/222	Eastup, Paul Raymond	XII/3/248
Dawson, Joseph Edward	XII/1/77	Edwards, Douglas N.	XII/4/350
De Bie, Harold Courtney	XII/4/382	Edwards, Edwin Paul	XII/3/286
Decker, Robert E.	XII/2/153	Eisman, Gregory Dwight	XII/3/271
Dee, Charles Edward	XII/3/233	Elliott, Barbara Anne	XII/3/332
Deffner, Dale Ivan	XII/3/224	Ellis, III, William David	XII/3/227
Dehem, James Louis	XII/3/308	Elmigri, Mohamed R.	XII/1/4
De Jong, Theodore Morris	XII/1/7	Eisner, Judith Jean	XII/3/332
Dell'Osso, Jr., Mario Lino	XII/2/131	Ely II, Marion Francis	XII/4/411
Demaree, Susan A.	XII/1/72	Emmert, Wilber Bryan	XII/4/490
De Merssman, Lois Marie	XII/3/309	Eneyew, Tilahun	XII/4/444
Dennis, Samuel Walter	XII/1/68	Engster, Henry Martin	XII/4/446
Dennis, William Albert	XII/3/276	Erdman, Katherine Mercer	XII/3/271
Denniston, IV, Joseph Faries	XII/2/82	Erdmann, Deanne Bills	XII/1/8
Denniston, Virginia J.	XII/1/2	Erickson, Stephen Harper	XII/1/15
DePauw, Karen Pamelia	XII/4/394	Erlich, Robert Hendrik	XII/3/262
DeShane, Connie Jean	XII/3/266	Ernandes, Carol Alicia	XII/4/394
De Vault, Alfred Thomas	XII/4/484	Ernst, Jr., Arthur J.	XII/3/191
Dhabalia, Dilip M.	XII/4/447	Ersoff, Jeffrey Alan	XII/1/62
Dial, Jack Grady	XII/4/388	Evans, Rosalee Sandra	XII/2/166
Diaz, Maureen O'Hara	XII/1/43	Everhard, Susan B.	XII/3/266
Dieter, Bruce Robert	XII/1/46	Ewing, Albert N.	XII/3/241
Dills, Steven S.	XII/1/7		
Dinkel, Paula J.	XII/3/331	Falconer, Thomas Harold	XII/4/443
Dixon, Patricia Eileen	XII/2/139	Falk, Dorissa R.	XII/1/48
Dmytrow, Eric Donald	XII/3/211	Farley, Charlotte Corley	XII/3/266
Dobson, Kerrie Sue	XII/3/309	Fecher, Phyllis Elaine	XII/4/452
Doerr, Robert Edgar	XII/4/389	Feecke, Jr., Ralph Michael	XII/4/437
Dohm, Jürgen Albert	XII/1/45	Feeney, Joan V.	XII/4/423
Dolan, Michael Buell	XII/2/147	Feldman, Diane Dyer	XII/4/389
Doore, Daniel Patrick	XII/4/484	Felton, Charles August	XII/2/110
Dotson, Victor A.	XII/4/457	Fenner, Ronald Craig	XII/4/491
Douglas, Mary Jo	XII/2/117	Fernandez, Richard Ramiro	XII/1/68
Drago, Dorothy Ann	XII/2/107	Ferro, Alejandro	XII/3/210
Drew, Nancy Arlene	XII/4/412	Fields, Simeon	XII/1/25
Duffy, Virginia R.	XII/3/227	Filewich, Robert John	XII/3/309
Dukes, Marilee	XII/4/489	Fils, Kenneth Albert	XII/1/53
Duncan, Michael Oliver	XII/4/465	Findlay, Robert James	XII/2/117
Duncan, Phillip Kent	XII/3/301	Fink, IV, Stanton Fordice	XII/3/285
Dunigan, Jr., Thomas Heber	XII/1/19	Finley, John David	XII/4/476
Dunnagan, Catherine Bradsher	XII/1/19	Fiore, Joseph Ralph	XII/1/43
Dunning, Philip James	XII/3/222	Fisher, Eric Martin	XII/4/410
Dunroe, William Drew	XII/1/61	Fisher, Margaret L.	XII/1/68
Durkin, Stephen L.	XII/3/324	Fisher, William Stephen	XII/2/88
Dwyer, William Karl	XII/3/276	Fite, Gary Roger	XII/4/383
Dye, James Curtis	XII/3/248	Fitzgerald, S.S.J., Sister Mary	
		Bethany	XII/2/160
Earle, Sr., James Anthony	XII/4/382	Flahive, Helene Frank	XII/2/127
East, Allan David	XII/3/248	Flint, Kenneth Douglas	XII/3/289

Florence, Larry Zack	XII/4/342	Gillott, Roger Lee	XII/2/145
Floyd, William Robert	XII/2/81	Gleason, Marjorie W.	XII/4/427
Flynn, Michael H.	XII/4/457	Glunt, John Denny	XII/4/425
Fogarty, Natalie Thomson	XII/2/158	Goff, Madison Lee	XII/2/88
Fogg, Karen Lee	XII/1/8	Gohata, Edith Constance Megumi	
Foley, Eugene Donald	XII/2/88	Nishimoto.	XII/4/492
Ford, Loren Lewis	XII/3/301	Gold, Leon Samuel	XII/3/294
Forthman, Carol Ann	XII/1/9	Goldberg, Lewis Stanley	XII/3/302
Fortwengler Jr., H. Philip	XII/2/123	Golden, Jerry Wayne	XII/4/450
Foster, Bernard George	XII/4/393	Golden, Kenneth H.	XII/3/315
Foster II, Leslie Hastings	XII/2/94	Goldstein, Ward Jay	XII/3/317
Foster, Mary Elizabeth	XII/3/233	Goncalves, Silva Joe	XII/3/228
Fowler, Jo Ann	XII/1/9	Goodnough, Burt T.	XII/2/124
Fox, Leo Anthony	XII/2/129	Gordon, Margery Elaine	XII/2/118
Franchuk, Orville Larry	XII/4/383	Gordon, Michael Albert	XII/4/383
Franco, Albert Julius	XII/3/285	Gordon III, William Knox	XII/4/452
Franklin, Calvin George	XII/3/239	Gossie Jr., Michael	XII/3/294
Freeman, Carl Lennart	XII/4/397	Goyal, Adarsh Rajendra	XII/4/402
French, Martha Anne	XII/2/150	Grace, James Anthony	XII/3/295
Frink, Stephen Bruce	XII/3/310	Gracey, Christopher	XII/2/132
Frisbee, Cornelia Helen	XII/3/332	Graham, Jeanette Hannon	XII/3/231
Fuchs, Diane ReyNelle	XII/3/215	Grant, Shirley Mae	XII/4/378
Fuller, Jr., Alfred Lee	XII/4/350	Graver, William Robert	XII/3/285
Fuller, Linda Lee	XII/4/373	Gray, Thomas Alexander	XII/4/412
Funk, James Gaile	XII/4/479	Grayson, Marc B.	XII/2/178
Gaddis, Dan Allen	XII/2/148	Green, John Scott	XII/2/171
Gaddis, Robert L.	XII/4/448	Greenwood, Sharon Ingrid	XII/4/395
Gadoury, S.S.A., Sister M. Rose Clarisse	XII/2/160	Griffin, Melva Elizabeth LaGrone	XII/4/437
Gagnier, Chris Gerald	XII/4/435	Grodzicki-Shubin, Barbara Aida	XII/4/356
Gallo, Jean Louise	XII/4/491	Grosch, Randy	XII/2/163
Gandhi, Ashok C.	XII/2/138	Gross, Rosalind Louise	XII/3/200
Garcia, Donato L.	XII/2/92	Grossman, Jane Tang	XII/3/277
Garman, Brian L.	XII/4/437	Grubb, Larry Keith	XII/1/30
Gavin, Annie Ruth Jackson	XII/2/104	Guido, Dennis Joseph	XII/2/109
Gentry, Jr., Guy Cephas	XII/2/103	Guido, Gary A.	XII/2/128
Geoffroy, Melba J.	XII/3/274	Guidry, Robert Turner	XII/1/57
Gerard, James Nicholas	XII/3/227	Guilmette, Jr., Joseph Edward	XII/3/191
Gerrard, John Franklin	XII/2/117	Gullett, James Mayo	XII/3/206
Gibbs, Michael Edward	XII/1/62	Gumm, Ronald J.	XII/1/57
Gibson, Christopher Murray	XII/1/16	Guss, Donald	XII/3/289
Gibson, Douglas Brandt	XII/3/183	Guthrie, Sarah Moores Walker	XII/3/260
Gibson, Gerald Lee	XII/1/4	Gutmann, Arlyne Jeane	XII/1/62
Gibson, Robert Scherer	XII/4/457	Gwinn, Erna Ottl	XII/3/271
Gibson, Jr., Walter Glenn	XII/4/458	Gyllenswan, John Eric	XII/3/234
Gieck, William Rudolph	XII/2/151	Hackett, Earle Raymond	XII/1/13
Giese, Barbara Jean	XII/2/94	Hadlock, Oliver Patrick	XII/4/492
Gilbert, Jerrold	XII/2/178	Haenel, Judith Lynn	XII/3/328
		Hafner, James T.	XII/4/439

Hagemann, Meyly Baratta	XII/3/267	Herman, Elaine	XII/2/172
Hagler, Dennis Harold	XII/2/111	Herrema, David Jack	XII/2/98
Hagy, Joe Ed	XII/3/256	Hersch, Lee Edwin	XII/2/151
Hahn, Gary Alan	XII/2/147	Hess, Karen Ann	XII/4/465
Hale, James Newell	XII/1/78	Hetrick, Daniel L.	XII/2/134
Hale, Ronnie Lee	XII/4/399	Heynen, Patricia May	XII/4/488
Hall, Donna Marie	XII/4/439	Hickok, William George	XII/3/206
Hall, James Dale	XII/4/413	Hilkevitch, Alex Nicholas	XII/2/89
Hall, Larry Dale	XII/1/69	Hill, John McKinley	XII/2/89
Halme, Kalervo Raymond	XII/2/121	Hill, Judith Ann Refshauge	XII/3/260
Haltzman, John Willie	XII/3/319	Hill, Leland Ray	XII/3/191
Hamilton, Mary Sue	XII/1/34	Hill, Raymond Louis	XII/4/368
Hammond, Robert M.	XII/1/42	Hill, Suzanne Frances	XII/3/311
Hampstead, William J.	XII/3/302	Hillger, Allen Lee	XII/3/234
Hance, Gloria E.	XII/2/153	Himes, Jerome Allen	XII/4/458
Hanna, James Walter	XII/3/249	Hirte, Richard Michael	XII/3/295
Hanrahan, Linda Louise	XII/4/488	Hitchcock, Caleb Staley	XII/1/38
Hanson, George Clifford	XII/3/319	Hoffard, William H.	XII/1/31
Hansson, Ralph	XII/3/238	Hogan, Clifford Thomas	XII/4/342
Harader, Robert Andrew	XII/3/249	Hogan, Hubertina D. Clayton	XII/1/74
Hardison, Therman Lee	XII/2/113	Hollahan, Nancy H.	XII/3/230
Hargrove, Eddie L.	XII/4/479	Holland, Retta Fain Wayland	XII/3/267
Harlow, Henry James	XII/3/287	Hong, Susan Lee	XII/4/352
Harrington, Nancy Lee Ellzey	XII/3/310	Hoover, Richard Lee	XII/4/440
Harris, Mary Anne	XII/1/5	Hopp, Susan Lynn	XII/4/417
Harris, Michael Kip	XII/3/256	Horkel, John D.	XII/4/366
Harrison, James Michael	XII/4/423	Horkin, Paul S.	XII/2/135
Hartman, Lloyd C.	XII/1/25	Horner, David Linscott	XII/4/413
Hartz, Raymond Weston	XII/4/351	Houge, Conrad Lloyd	XII/3/267
Hassan, Ahmed Raafat	XII/2/105	House, Doris Ann Douglas	XII/4/427
Hattiangadi, Leja Satish	XII/4/403	House, Sharon Lee	XII/3/249
Hattiangadi, Satish Namdev	XII/4/403	Howard, Jr., Carl Robert	XII/4/359
Hatton, David Edward	XII/4/477	Howe, Burley Ray	XII/4/458
Haught, Lunell	XII/3/216	Hoyle, Stephen Edwin	XII/1/48
Hawkins, Jr., R. Franklin	XII/2/179	Hsu, Chien-Yeh	XII/4/407
Hawley, Nancy Lynn	XII/3/228	Hubbell, David Frederick	XII/1/43
Hayek, Jr., Karl Cyril	XII/3/262	Hudson, Dennis Michael	XII/3/209
Haynes, Shirley Marie	XII/4/430	Huff, Leland Clifford	XII/4/389
Haynie, Delbert Larry	XII/3/320	Huffine, Sheryl Diane	XII/2/172
Heacox, Albert E.	XII/4/351	Hufstader, Richard Wayne	XII/4/352
Heavenrich, Jr., Robert Maurice	XII/1/50	Hulbrock, William Henry	XII/3/188
Hein, Ellen Yvonne	XII/4/351	Hull, Barbara A.	XII/1/46
Heinsius, John Walter	XII/4/417	Hulme, Antonia Lala	XII/2/128
Helfman, Eugene Saui	XII/2/174	Hunt, Charles C.	XII/4/379
Helmick, Robert William	XII/4/358	Hunt, John Paschal	XII/2/113
Hendry, Linda Ruth	XII/4/430	Hunter, Susan Joy	XII/1/15
Henne, Preston Alan	XII/2/111	Hunter, Walter John	XII/2/166
Henry, James Albert	XII/2/122	Hurford, Helen Elaine	XII/4/369
Herencia, Cristina	XII/2/151	Hurst II, Jesse Henry	XII/3/216

Hurt, II, James Mitchell	XII/1/39	Kadau, Virginia Elane	XII/3/329
Huss, Linda Ann	XII/3/328	Kahle, Lynn Richard	XII/3/311
Hutcheon, Ian Edmondson	XII/3/257	Kaldor, Sheena Brown	XII/1/17
Iak, William James	XII/1/17	Kambak, Scott Steven	XII/3/296
Iampaglia, Judith	XII/1/79	Kanchanadul, Kalayanee	XII/3/250
Ibrahim, Etty Zainab	XII/4/449	Kang, Dae Ki	XII/2/174
Ikemori, George Ryosuke	XII/2/99	Kannankeril, Charles Paul	XII/3/205
Imken, Gary Robert	XII/3/207	Kapasi, Vikram Chandrakant	XII/1/18
Ingle, Larry Parr	XII/4/413	Kaput, Terry Michael	XII/4/445
Irwin, Dianne E.	XII/1/63	Karani, Ron R.	XII/2/113
Isbell, Donald Ray	XII/3/234	Karatzas, Phillip Thomas	XII/2/141
IsHak, Elizabeth Ann	XII/4/449	Karimi, Elahe	XII/3/311
Isley, Phyllis W.	XII/3/210	Kasper, Kenneth C.	XII/4/438
Jackson, Jere Stephen	XII/3/229	Kasten, Sherry Eve Zvares	XII/3/251
Jackson, Ramon Lear	XII/1/9	Kaye, James Harper	XII/1/63
Jackson, Jr., Willard Bernard	XII/1/20	Kayiran, Omer Zeki	XII/2/112
Jacobs, Jr., Michael Collins	XII/3/184	Kearney, John Hayward	XII/4/400
Jahn, Gerald Leroy	XII/1/53	K'e-Chieh, Chu	XII/1/75
James, Virgil Theodrick	XII/4/400	Kechter, Miles Douglas	XII/3/192
Jansen, Bruce Martin	XII/4/409	Keech, Alan Francis	XII/3/235
Jeffrey, Michael Alan	XII/4/421	Keenan, David Michael	XII/4/465
Jeknavorian, Ara Avedis	XII/4/359	Keese, James F.	XII/4/373
Jenkins, Michele Arlene	XII/3/281	Keller, Jeanne O.	XII/2/156
Jeppson, Buckley Carlos	XII/3/333	Keller, Robert S.	XII/3/324
Jhaveri, Nishith J.	XII/2/143	Kelley, Michael Shane	XII/4/390
Jobe, Avis Marie	XII/1/57	Kelly, Dennis Lyle	XII/1/10
Johanns, William Mathias	XII/1/34	Kelly, John Lynn	XII/4/344
Johansen, Judith Jean	XII/4/369	Kelly, Kenneth James	XII/3/324
Johnson, Ernest Malcolm	XII/2/115	Kelly, S.S.L., Sister Maureen	XII/1/65
Johnson, Jerry James	XII/3/279	Kemp, Michael Harry	XII/2/89
Johnson, Monroe H.	XII/4/373	Kemp, Rodney Joel	XII/3/280
Johnson, Noreen Faye	XII/4/360	Kemp, Romelle Irwin	XII/3/198
Johnson, Richard Kenneth	XII/1/58	Kennedy, John Dale	XII/4/374
Johnson, Wayne Douglas	XII/4/352	Kent, Harry Mason	XII/4/466
Johnston, Phillip Michael	XII/4/414	Kern, Carol Ann	XII/2/105
Johnston, Thomas Frederick	XII/3/282	Kernodle, Jr., James Frank	XII/1/20
Jones, Elizabeth Fitzpatrick	XII/3/250	Khamwiathna, Vinich	XII/4/347
Jones, George W.	XII/3/282	Khan, Mazhar Ahmad	XII/4/459
Jones, Gregory Morgan	XII/3/264	Kichen, Lee Fredric	XII/3/320
Jones, James Stanton	XII/4/370	Kiehl, Bryan Leslie	XII/3/192
Jones, Robert Earl	XII/3/296	Kiehler, Mary Lou	XII/3/235
Jones, Ronald Dale	XII/4/407	Kieselbach, Philip James	XII/4/477
Jones, Stephen Earl	XII/3/250	King, Timothy Bruce	XII/4/404
Jones, Urban L.	XII/3/289	Kinley, Shirley J. VanDerWal	XII/3/229
Jorgensen, William K.	XII/2/159	Kirchner, Robert Arthur	XII/2/147
Jowers, James William	XII/1/69	Kirkland, John Russell	XII/4/363
Juergens, Carol Rae	XII/4/370	Kirkwood, Martha Ann	XII/3/251
		Kitselman, Kurt Palmer	XII/4/489
		Clasky, Charles M.	XII/4/442

Klein, Christopher Paul	XII/2/164	Lazar, Lauren Sue	XII/2/172
Kleymeyer, Charles D.	XII/4/479	Leach, Janice-Faye	XII/4/435
Knapper, Dona Ann	XII/3/216	Lebolt, Gladys S.	XII/4/431
Knepler, James Eugene	XII/4/477	Lee, Karen Sue	XII/3/217
Knight, James Leonard	XII/1/10	Lee, Ming-an	XII/2/83
Knisley, Charles Richard	XII/4/443	Lee, Robert E.	XII/2/179
Knock, Calvin Eugene	XII/3/251	Leesavan, Saroj	XII/2/112
Knott III, William Monroe	XII/2/93	Lehman, Linda Pauline	XII/3/187
Koal, Karin A.	XII/4/371	Leigh, Douglas Scott	XII/4/453
Koesler, Rudolph John	XII/3/236	Lesniak, Frances M.	XII/2/102
Korn, Gary Alan	XII/4/431	Leu, Mao-Tsai C.	XII/2/90
Kozlowski, Thomas	XII/4/459	Leung, Anthony S.	XII/3/204
Kraft, Carolyn Lee	XII/3/218	LeVasseur, Craig	XII/3/241
Kramer, Leslie Davis	XII/3/329	Levy, Elizabeth J.	XII/3/272
Kreiss, Laura Amy	XII/2/84	Levy, Kathleen Ellen	XII/3/230
Krishnamurthy, Muthukrishnan	XII/1/30	Lewis, Allen Mark	XII/2/123
Kritkausky, Robert Peter	XII/3/312	Li, Ruth Cheng	XII/1/11
Kromi, Edythe Darlene	XII/4/431	Linden, Barry William	XII/4/466
Kronenberg, Vernon J.	XII/3/291	Litman, Alan Mark	XII/1/18
Kruck, Colleen Ellen Rutherford	XII/4/427	Lochmann, Rodney	XII/3/241
Krumhauer, Jr., Paul August	XII/4/374	Lodge, Richard Job	XII/1/63
Kumar, Lalit	XII/2/114	Loff, Jack Lawrence	XII/4/384
Kuncel, Ernest Emil	XII/3/302	Logan, Ann Catherine	XII/3/303
Kwant, Fred	XII/1/58	Long, James Patrick	XII/4/358
La, Kien-Vinh	XII/2/114	Long, Sandra Louise	XII/1/54
LaBay, Jr., Joe Edward	XII/4/347	Lopez, Joe Arzola	XII/3/236
LaBorne, Kathryn Elizabeth	XII/3/251	Loving, Jeffrey Richard	XII/2/141
Lacewell, Lawrence Clint	XII/1/1	Lowenstein, Sallie Claire	XII/2/118
Laflin, Joyce Elaine Snay	XII/4/384	Lowenthal, Bonnie Barbara	XII/3/296
LaGue, John Brent	XII/2/118	Lowry, Cynthia René	XII/1/75
Laham, Sandra Lee	XII/3/312	Lucas, Aaron Edward	XII/3/284
Lahey, LeRoy Allen	XII/3/212	Luce, Peter D.	XII/2/179
Lahtela, Alice Wesley	XII/2/100	Luck, Carl Alexander	XII/4/445
Laird, Jr., Frank Elliott	XII/2/101	Lugo Jr., Albert G.	XII/2/166
Lamers, Hendrika	XII/2/125	Lull, Marianne Oriel	XII/4/446
Lamm, Frederick R.	XII/4/400	Lupas, Cornelia Bagiu	XII/2/86
Lamp, Jan	XII/3/236	Lydic, Ralph B.	XII/4/466
Lan, Edward Jeng	XII/1/3	Lynch, JoAn Carol	XII/3/317
Landis, Elizabeth Sheild	XII/1/21	Lyons, James Jay	XII/3/312
Lang, Frank Tso-li	XII/2/96	MacCalla, Jacqueline Estelle	XII/1/72
Lantz, Kurt Michael	XII/3/239	MacCallum, Michael John	XII/3/297
Larsen, Patrick Heffner	XII/1/33	Mach, Dennis Edward	XII/1/17
Lathrop, Gerald Richard	XII/2/124	MacLeod, Scott Roderick	XII/2/146
Lauder, Harry Alexander	XII/3/214	MacMillan, III, William Leedom	XII/1/14
Laughlin, Sally Margaret Cornette	XII/3/272	Maddry, Marleen Ann	XII/4/440
Lavasser, Gary Wayne	XII/3/252	Madison, Stephen Alan	XII/2/96
Lawson, Lynne Adele	XII/3/252	Mafukidze, Takawira Shumba	XII/1/51
Lawson, Mary Sue	XII/2/126	Mager, Irene	XII/3/270

Magness, Thomas Leroy	XII/4/423	McKinney, Thomas Charles	XII/2/82
Maher, Philip	XII/4/363	McKown, Stanley Earl	XII/3/303
Majewski, Joseph Charles	XII/3/243	McLoughlin, Carol Yvonne	XII/4/401
Malin, Glenn Paul	XII/3/285	McMann, Jr., James Anthony	XII/4/390
Mankamyer, Mary Pat	XII/3/192	Mc Namara, John J.	XII/1/76
Mann, Barbara Fay	XII/1/36	Meany, John Joseph	XII/4/357
Markham, Dale Lance	XII/4/445	Mecoli Jr., James T.	XII/4/467
Markwell, Kenneth Eugene	XII/3/258	Meehan, Kenneth Andrew	XII/4/453
Marley, David E.	XII/2/180	Mel, Bun Ryth	XII/3/331
Marsh, Bruce Edward	XII/2/90	Mendez, Amalia Alcantar	XII/2/164
Marshall, Eddie Francis	XII/3/193	Menser, Linda Jean	XII/4/384
Martin, James Michael	XII/3/193	Merchant, Virginia Lucille	XII/2/84
Martin, James Morris	XII/4/440	Mericle, Thomas Cameron	XII/4/450
Martin, John C.	XII/2/180	Merrill, Walter Earl	XII/3/313
Martin, John Deverick	XII/4/405	Metcalf, Susan	XII/2/126
Martin, Mary Jane	XII/4/374	Metz, George Frederick	XII/4/453
Martin, Meredith J.	XII/1/69	Meyer-Burghagen, Beatrix	XII/3/270
Martin, Jr., Orville	XII/2/111	Meyers, James Edwin	XII/4/421
Martinez, Marco Wilfredo Salas	XII/4/467	Mezei, Kathy	XII/3/272
Mascarenhas, Ivan Thomas	XII/3/204	Michels, Bernard Eugene	XII/4/480
Maschhoff, Thomas A.	XII/4/485	Miller, Karl Frederick	XII/4/441
Massey, Randall Ray	XII/2/141	Miller, Nelse Christian	XII/3/202
Mather, Anne Dudley	XII/1/41	Miller, Stephen A.	XII/4/411
Mattei, Rev. Saverio Clement	XII/1/36	Milligan, Glenn Wesley	XII/3/313
Matthes, Horst-Dieter	XII/2/146	Milner, Loreta Sue	XII/4/397
Maughan, Cynthia Lee	XII/3/252	Minervini, Michael Albert	XII/4/467
Mayo, Jean Minshew	XII/2/107	Mir, Carol Loeb	XII/3/207
Mazzola, Gerald	XII/4/418	Mirsch, Rebecca Ann	XII/2/118
McCallum, Timothy Dale	XII/1/73	Miskin, Alan Stephen	XII/3/287
McCann, Thomas J.	XII/4/474	Mispagel, Michael Edmund	XII/3/209
McCarl, Jr., Robert Smith	XII/4/416	Mitchel, Claire Furman	XII/4/417
McCarroll, Franklin S.	XII/4/375	Mitchell, Alison Louise	XII/3/268
McCarthy, Carol Mary	XII/1/35	Mitchell, Barbara Ann	XII/4/475
McCarthy, Lynne Carol	XII/3/224	Mitchell, Jean B.	XII/4/353
McCarty, Jr., Harry James	XII/1/3	Modell, Craig Alan	XII/1/54
McCary, Betty Lee Tharp	XII/2/137	Mohr, Evelyn Sue	XII/2/156
McCary, Stephen Paul	XII/3/303	Mokfienski, Alfredo	XII/4/403
McClaran, Nancy Eubanks	XII/4/428	Molin, William Todd	XII/1/13
McClung, Jodie-Anne	XII/4/487	Monderer, Claire Ann	XII/4/414
McConnell, James R.	XII/3/240	Montemezzi, Marco Antonio	XII/2/133
McCoun, Richard Allan	XII/1/37	Montgomery, James R.	XII/3/199
McCue, Bette Ann	XII/4/360	Moomaw, Charles Jay	XII/1/48
McDannel, Mildred Louise	XII/3/280	Moore, John Nicholas	XII/4/468
McFarland, Kathy Lou	XII/3/320	Moore, Ronald Leon	XII/1/72
McFerran, Ivy Marie	XII/3/212	Moore, Wendy Diane	XII/4/454
McGeachin, William Thomas	XII/2/90	Moore, William Alva	XII/4/366
McGee, Carla Creighton	XII/4/487	Morey, John Christopher	XII/4/468
Mc Gregor, Archie James	XII/4/344	Morford, James Vincent	XII/2/140
McKee, Richard Paul	XII/4/361	Morgan, James Fredrick	XII/1/39

Morin, Lois Harvey	XII/1/21	Nielsen, Terrance Paul	XII/2/142
Morley, William Charles	XII/3/315	Ninness, Herbert Arthur Christian	XII/4/459
Morper, Myron Caudle	XII/2/100	Nishimoto, Robert Terumi	XII/4/354
Morris, Patricia L.	XII/1/49	Nordquist, D.M.D., William Dean	XII/1/35
Morrison, Jack Rupert	XII/4/353	Norman, Mary Elizabeth	XII/3/265
Morrison, Violet Thompson	XII/4/353	Norris, Jr., Robert Thomas	XII/1/21
Morrisette, Charles George	XII/3/240	Norton, Carole Lynn	XII/3/304
Morrissey, John Bruce	XII/2/103	Novak, Deborah Gayle	XII/1/27
Morton, David C.	XII/3/213		
Mudgett, Ralph Alvin	XII/1/50	O'Donnell, Edmond Gabriel	XII/3/298
Mugleston, Carol Streadbeck	XII/3/258	Olah, John Albert	XII/3/185
Mulligan, Kathryn Ann	XII/1/26	Oliveri, Thomas James	XII/3/277
Munsey, Larry Davis	XII/3/194	Oller, Francisco E.	XII/1/44
Munson, Linda Louise Graupner	XII/2/119	Olmes, Patricia Ann	XII/3/194
Munroe, Maria Carlota	XII/2/119	O'Loughlin, Timothy Charles	XII/4/342
Murphy, Gerald John	XII/4/363	Olwell, Edward J.	XII/3/313
Murphy, Joseph William	XII/3/211	O'Neal, Judith Anne	XII/2/96
Murphy, Raymond Gerard	XII/3/297	Ong, George Niu	XII/4/447
Murray, Robert Philip	XII/2/107	Ortiz, Eduardo A.	XII/2/152
Myers, Hugh Kirby	XII/1/18	Osiri, Sirichai	XII/4/449
		Ott, Paul D.	XII/4/432
Nachtigall, Michael Horst	XII/4/438	Otteman, Myrtis Marilyn Brett	XII/4/394
Nakayama, Glenn Shigeru	XII/2/135	Ou-Yang, David Tien-Tung	XII/4/404
Naranjo, Betty Ann	XII/2/85	Ozog, Edward J.	XII/2/181
Nathan, Michele	XII/2/85		
Nau, Donald Eugene	XII/2/167	Paig, David Lucky	XII/4/478
Nease, Ardell William	XII/4/407	Palmatier, Thomas Earl	XII/3/277
Nedoff, Elizabeth May	XII/4/398	Palmer-Ball, Robert Buscher	XII/3/197
Neidich, Carole Louise	XII/3/194	Panich, Panom	XII/2/86
Neifosh, Eileen B. Clarke	XII/4/428	Panossian, Samuel Laurice	XII/4/444
Neill, Susan Kay	XII/3/224	Parekh, Ramesh V.	XII/3/205
Nelson, Charles Edward	XII/3/317	Parker, Patricia Jean	XII/4/375
Nelson, Christina Hine	XII/4/415	Parker, Thomas Wilbur	XII/3/242
Nelson, David John	XII/1/51	Partain, Philip Michael	XII/4/450
Nelson, Elliott B.	XII/1/58	Parton, Gary Alan	XII/3/253
Nelson III, George Thomas	XII/2/167	Pasley, Daniel Lee	XII/4/390
Nelson, Hugh A.	XII/4/480	Pastore, Guillermo Willigmann	XII/2/97
Nelson, Mary Kathryn Hyndman	XII/3/213	Pate, Agatha Gail	XII/3/253
Nelson, Richard Alan	XII/4/435	Pate, Russell Robert	XII/2/105
Nelson, Richard J.	XII/2/167	Patel, Vinaychandra Sankalchand	XII/4/404
Nevels, Paul Dupree	XII/4/367	Patterson, Leslie Ann	XII/4/398
Nevins, David William	XII/1/50	Pauley, Charles R.	XII/3/203
Newman, Barry James	XII/3/297	Paulsen, Robin Lee	XII/4/385
Nicar, Ronald Buddy	XII/2/119	Peaco, Freddie Lilly	XII/2/159
Nichols, Curtis Allan	XII/3/225	Pearson, Paul A.	XII/1/64
Nichols, Dixie Kay	XII/4/419	Peebles, John Leonard	XII/4/468
Nichols, Robert Clyde	XII/1/11	Pegelow, Jr., Edwin Fulton	XII/3/298
Nichols, Robert L.	XII/4/476	Pellegrini, Thomas L.	XII/2/123
Niedergerke, Larry R.	XII/2/180	Peña, Eli Eric	XII/4/419

Penn, Gary J.	XII/3/275	Qasim, Javed	XII/4/408
Perez, Jose Aurelio	XII/4/364	Quaak, Ruby E.	XII/4/480
Perl, Neil Kenneth	XII/2/142	Queen, Thomas V.	XII/3/298
Perry, Emma Bradford	XII/3/274	Quevedo, Rafael Angel	XII/2/135
Peters, Michael William	XII/4/454	Quinn, Michael Joseph	XII/3/321
Petersen, Phillip Arthur	XII/4/486	Quinn, Ronald Gene	XII/1/70
Peterson, James Carl	XII/4/418		
Peterson, Janet Laverne	XII/3/253	Radheshwar, Hari I.	XII/4/408
Petosa, Jr., Mario Daniel	XII/2/124	Raffety, Duane Neal	XII/4/432
Petrilla, Charles Joseph	XII/2/106	Ragenovich, Iral Ruth	XII/1/31
Pfeiffer, Vicki Jean	XII/2/129	Ralston, David Allen	XII/3/211
Pfister, Harold Francis	XII/4/415	Ramirez, Richard Michael	XII/4/485
Phelps, Jr., Henry Lloyd	XII/1/64	Ratz, Michael	XII/4/469
Phi, Long Thinh	XII/3/197	Rawson, Janice Claire	XII/1/47
Phillips, William Samuel	XII/4/375	Reban, Ann Stacia	XII/4/481
Piacenti, Margaret	XII/3/237	Redmon, Jr., Charles B.	XII/3/333
Pickett, Walter C.	XII/3/202	Reed, Thomas Schrock	XII/4/441
Pierce, Gary James	XII/3/199	Reese, John	XII/4/364
Pilien, Dennis Vincent	XII/3/209	Reese, Mildred Anna	XII/4/368
Piller, Mary A.	XII/4/398	Reeves, Dorothy Stone	XII/1/28
Piltz, Frederick Michael	XII/2/91	Reeves, Ruthlyn Butler	XII/1/76
Pinder, Jr., Raymond E.	XII/3/185	Regan, Patricia Ann	XII/3/195
Pinkow, Ann Renée	XII/4/454	Rei, Manuel Travers	XII/4/411
Pinsky, Ronald I.	XII/4/395	Reid, Peter David	XII/2/102
Pittman, James Lee	XII/1/70	Reilly, Glenn Brian	XII/3/275
Plaska, Timothy G.	XII/2/157	Reinhardt, Denise Benkert	XII/2/173
Platt, Mary Daniel	XII/4/401	Reitz, Andrew Louis	XII/4/455
Ply, Mary Sue	XII/4/428	Remillard, Leonora A.	XII/2/130
Pohl, Ronald Lyle	XII/2/94	Renda, Virginia	XII/1/15
Pol, William Felice	XII/4/358	Reno, Elisabeth Kaiser	XII/3/273
Pomeroy, Michael Lee	XII/4/469	Riccio, Nicholas D.	XII/4/481
Poole, Walton Charles	XII/3/243	Richardson, Lucille Bizzle	XII/4/420
Poroy, Jane Keiko Takahashi	XII/1/70	Richardson, Robert Lamar	XII/1/67
Porter, Alan George	XII/4/346	Richter, Leo Michael	XII/2/154
Poslusny, Jr., Chester	XII/3/210	Ricks, Dana Carol	XII/3/326
Poss, Sharon Sandomirsky	XII/1/22	Ripley, James David	XII/1/42
Pranke, Gregory Robert	XII/4/455	Robb, III, James Lawrence	XII/1/22
Priano, Jr., Michael Philip	XII/4/434	Roberson, Charlotte Lucille	XII/4/489
Price, Anne Haynes	XII/2/154	Robertson, Dale Boice	XII/3/290
Prickett, Rebecca Ellen	XII/3/185	Robins, Jr., Clarence Albert	XII/4/481
Profeta, Jr., Joseph Andrew	XII/1/31	Robinson, Sherryl Jeanne	XII/4/391
Proni, Tullio John	XII/1/65	Rochau, Gary Eugene	XII/4/444
Ptacek, James Michael	XII/3/195	Rodevich, Jr., Edward	XII/4/371
Puetz, Dolores Elizabeth	XII/3/229	Rodgers, Marsha Leigh	XII/3/304
Pulis, Delores Jean	XII/4/429	Roemisch, Jerry Joe	XII/3/327
Purcell, David Lee	XII/4/441	Romanuk, Jean Gasen	XII/3/304
Pursell, Beverly	XII/4/391	Romanuk, Michael	XII/4/460
Purvis, Cathy Bowen	XII/3/325	Romiti, Jerry Aldo	XII/2/143
		Romney, Jennie Lynn	XII/3/333

Rosello, Carlos G.	XII/3/268	Schroedter, James Kenneth	XII/4/376
Rosen, Daniel	XII/4/469	Schultz, Gary Dennis	XII/1/23
Rosenbaum, Earl	XII/4/442	Schultz, Jeffrey Glenn	XII/4/492
Rosenthal, Gary Charles	XII/3/214	Schwam, Schelly Rae	XII/4/356
Ross, John Raymond	XII/2/125	Schwartz, Orlando Albert	XII/2/98
Rowan, Malcolm	XII/3/291	Schwarzbach, Jr., Joseph B.	XII/4/343
Rowland, Ronald Jay	XII/3/215	Schweitzer, Barbara Susan	XII/3/314
Royer, C.S.J., Sister Judith Marie	XII/1/76	Sciarrotta, Terry Charles	XII/3/275
Ruck, Dennis Ira	XII/3/282	Sealy, Thomas Beauchamp	XII/3/305
Rucker, Linda Susan	XII/4/460	Seaman, Maida Joan	XII/4/460
Rugenstein, Seanna Reilly	XII/1/14	Seaver, III, Earl J.	XII/1/73
Rusch, Charles Frederick	XII/1/32	Seeman, Sonia Henrietta Hubner	XII/2/122
Russell, John Arthur	XII/4/415	Segal, Anna	XII/3/268
Rutledge, Howard Elmer	XII/3/299	Selby, Nancy Lois	XII/3/292
Rynne, Jr., Edward F.	XII/3/287	Sena, Gilbert Louis	XII/1/52
Rynne, Timothy Michael	XII/4/346	Senne, Sherill Ann	XII/1/76
Saiyid, Omar Aziz	XII/1/22	Serafin, Arnold Patron	XII/1/47
Salazar, Phillip	XII/3/237	Serafin, Neil Marc	XII/3/276
Salazar A., Noris	XII/2/93	Serafine, Evangeline Rae Wilkes	XII/3/318
Sanceau, Kathleen Hazel	XII/4/345	Serafine, Gene Clark	XII/3/318
Sanchez, Janet Hoard	XII/3/186	Severance, Jr., R. Wilson	XII/3/201
Sanden, Clifford Rueben	XII/3/199	Shade, Michael J.	XII/2/181
Sandoval, Sally Jane	XII/1/39	Shah, Hermant R.	XII/3/288
Sankey, James Lee	XII/3/290	Shah, Rajendra Shantilal	XII/4/448
Santa Maria, Alicia M.	XII/2/94	Shah, Sharad Bhogilal	XII/2/97
Saunders, Gregory Charles	XII/3/188	Shahroudi, Behrooz	XII/2/103
Saunders, Richard Henry	XII/2/120	Shanley, John Patrick	XII/4/475
Savage, Joseph McIntosh	XII/4/470	Shannon, James Lee	XII/2/109
Savatieff, Timothy Richard	XII/3/254	Shannon, Marilyn A. Peck	XII/4/385
Saville, Dale William	XII/1/22	Sharma, Somesh Datt	XII/1/6
Sawyer, Richard Trevor	XII/4/438	Shaughnessy, John James	XII/2/155
Scanlon, Lee Edward	XII/3/330	Shaul, Richard Davis	XII/4/461
Schaaf, Gwendolyn Elmira	XII/4/432	Shaw, Katherine Virginia Beckner	XII/1/46
Schaefer, James Anthony	XII/1/49	Shaw, Stuart Chapman	XII/3/314
Schamel, Douglas Lee	XII/3/335	Shaw, Valerie Leadley	XII/3/257
Schaut, O.S.B., Sister M. Romayne	XII/2/161	Sheehan, O.M.I., Rev. John William	XII/2/161
Schempp, Carroll John	XII/1/74	Sheeran, Robert Bryan	XII/4/347
Schlenk, Nathan Joseph	XII/3/256	Sherman, Lynn DuVall	XII/2/110
Schmid, Richard Wayne	XII/3/244	Sherman, R.S.M., Sister Sarah Marie	XII/2/161
Schmidt, Douglas Chester	XII/4/408	Shields, Sharon Lee	XII/3/231
Schmidt, Lynn Woodworth	XII/2/85	Shikoski, Thomas I.	XII/4/395
Schmitt, Jr., Arthur Frederick	XII/1/55	Shima, Lurie Jessie	XII/2/91
Schneider, Evelyn Ruth	XII/4/434	Shinn, Kun Ho	XII/2/82
Schneider, Robert Douglas	XII/4/376	Shulze, William L.	XII/2/104
Scholes, Kathryn Anne	XII/4/470	Silberman, Cheryl Gee	XII/4/392
Screibler, Jr., Traynor C.	XII/3/336	Simmons, Nancy Jean	XII/3/278
Schricker, Joe Harold	XII/4/409	Simon, Timothy Michael	XII/2/136

Simpson, Dale Wilson	XII/4/429	Strausburg, Carol Ann	XII/2/106
Simpson, Kenneth Lockwood	XII/4/470	Stringham, Stephen Frederick	XII/3/336
Simpson, Rickey Lance	XII/4/455	Stromberg, Suzanne Schell	XII/1/33
Sims, Anne Elizabeth Shelton	XII/1/44	Stromberg, Warren Lee	XII/1/11
Sinclair, Gordon Gregory	XII/4/354	Sukarom, Vichai	XII/4/405
Singh, Ram RachhPal	XII/3/278	Sullivan, Jennifer Eric Sims	XII/3/269
Sink, Patricia Ann	XII/2/120	Sullivan, Shaun Dorsey	XII/3/186
Sirirangkamanont, Aranong	XII/2/87	Surges, Mary Ann	XII/2/162
Skinner, William M.	XII/4/461	Swartz, Gordon Paul	XII/4/416
Slade, Joel	XII/4/361	Swindel, Leland Dwight	XII/3/222
Slakey, Stephen Louis	XII/3/257	Swistak, Jr., Leonard Eugene	XII/1/55
Slater, Robert Owen	XII/3/290	Switlick, LeRoy J.	XII/4/462
Smathers, Frank T.	XII/1/44	Syra, Keith Vincent	XII/1/64
Smiley, Richard Harry	XII/4/471	Sziklay, Laszlo Istvan	XII/3/195
Smith, Abe Benavides	XII/4/433		
Smith, Bradley F.	XII/3/292	Taber, June S.	XII/1/59
Smith, Diane Savage	XII/1/24	Tabor, Douglas Lee	XII/4/380
Smith, Ida Helen	XII/4/436	Tadlock, Gloria Jean	XII/4/345
Smith, John O.	XII/3/339	Talbott, Elizabeth Page	XII/4/416
Smith, Larry Paul	XII/4/380	Tanjaruphan, Preeyaporn	XII/2/95
Smith, Philip Alan	XII/1/45	Tate, Emmett Lee	XII/3/184
Smith, Robert Leonard	XII/3/325	Tatom, E. Lynn	XII/3/263
Smith, Russell Lane	XII/4/451	Tedesco, Michael Donald	XII/4/380
Smith, Jr., Sampson James	XII/3/237	Tehrani, Abolghassem Yoosef	XII/4/348
Smith, Vickey Dee	XII/3/260	Teixeira, Marie O.	XII/3/254
Smith, William Michael	XII/4/461	Temple, Shaie-Mei	XII/4/409
Smoyer, Franklin Ronald	XII/3/183	TerBorch, Jr., Lester Fredrick	XII/4/484
Snapka, Robert M.	XII/4/348	Terronez, Irene Benita	XII/3/255
Snapper, Bruce Lynn	XII/2/146	Tescher, Erwin Larry	XII/2/110
Sneddon, Jack Clifford	XII/4/474	Testa, Jacqueline Elizabeth	XII/4/493
Sniffen Robert Parker	XII/2/132	Thamasucharit, Iam	XII/2/112
Sok, Bunath	XII/4/491	Thoits, Mary Elizabeth	XII/4/392
Sono, Themba	XII/1/52	Thomas, Howard H.	XII/3/284
Spatz, Barry Charles	XII/2/157	Thomason, Barbara Colleen	XII/3/255
Spear, Joseph Carroll	XII/2/126	Thompson, Caroline Shelby	XII/2/170
Speary, Jr., William	XII/2/97	Thompson, M. John	XII/4/354
Spiegelhalter, William Robert	XII/3/223	Thompson, Martin Orvill	XII/4/401
Spiehler, Vina Rosetta	XII/3/201	Thomson, Linda M.	XII/4/451
Spratt, Elizabeth	XII/3/259	Thomson, Roberta Jane	XII/2/138
Spruance, Jr., Preston Lea	XII/3/321	Thorberg, Mildred Carroll	XII/2/138
Squire, Gregg R.	XII/1/2	Timmons, Tracy Wayne	XII/4/368
Stapleton, Michael James	XII/4/482	Tisdale, Gloria Annette	XII/3/334
Stava, Lawrence James	XII/4/471	Tope, Dennis James	XII/2/104
Steelman, III, Herbert Stanley	XII/3/207	Torrington, Mary Christine	XII/1/28
Stevens, Robert George	XII/3/283	Tracy, C.D.P., Sister Mary Fidelis	XII/1/66
Stinson, Wayne Russell	XII/3/314	Traiforos, Spyros	XII/4/409
Stock, Barbara Lee	XII/3/254	Trogdon, Lezlie Dee	XII/3/273
Stodden, Robert Andrew	XII/3/217	Trowe, Pamela Jane	XII/3/329
Stong, Emily	XII/4/433	Truby, Thomas James	XII/2/86

Truyens, Jos A. N.	XII/1/27	Watson, Jannet Miller	XII/3/330
Tsai, Joseph Chien-Chih	XII/3/196	Watts, Thomas Harwood	XII/3/218
Tunsagul, Anchalee	XII/2/173	Webb, William Chambers	XII/4/393
Turco, Ellen Ecklund	XII/4/391	Wehrle, Mary Anne	XII/3/259
Turley, Jr., Harold E.	XII/3/339	Weimer, Glenn Del	XII/3/306
Turnbull, Wynette L. H.	XII/4/486	Weinhardt, Yvonne G.	XII/3/273
Tyler, Alice Carol	XII/4/433	Weisel, Jonathan Edward	XII/3/326
Uaprasert, Vichitra	XII/4/362	Weiss, Dean Clifford	XII/3/283
Umeche, Cyprian Ndu	XII/3/196	Weiss, Richard H.	XII/4/472
Valentine, Festus H.	XII/4/376	Welch, William Deake	XII/4/355
Vallarino, Oscar	XII/1/23	Wells, Alan Wayne	XII/4/493
Van Buskirk, Thomas Fredrick	XII/3/305	Wershoven, Carol Jean	XII/2/130
Van Cader, Carol	XII/3/269	Wesley, Joe Gail	XII/3/223
Vance, Ivan N.	XII/3/305	Westermeier, John F.	XII/4/355
Vanderpoel, David	XII/4/424	Weston, David C.	XII/1/37
Vander Voet, Richard	XII/1/71	Whalen, John Joseph	XII/2/92
VanHorn, Sharyn J.	XII/2/122	Wheatley, Richard D.	XII/2/158
Van Meter, Victoria Brook	XII/3/336	Wheeler, Betty Diane	XII/4/424
Van Noy, Barney Willard	XII/3/238	Wheeler II, Robert Rogers	XII/3/321
Van Ryckeghem, Christian	XII/2/130	Wheeler, Royce Lee	XII/4/472
Varner, James Alan	XII/3/186	Wheelright, William G.	XII/2/168
Vega, Ruben Julian	XII/2/131	Whelan, Kip Larry	XII/3/255
Vershaw, Charles Leroy	XII/3/230	White, Irene Ault	XII/2/133
Vidmar, Robert Joseph	XII/2/140	White, Virginia Ann	XII/3/274
Villanucci, Dennis Peter	XII/4/446	Whitehead, Marie Hall	XII/4/426
Villanueva, Miguel Coronado	XII/2/165	Whitman, Richard Lincoln	XII/1/12
Vincent, Jr., Amos J.	XII/3/306	Williams, Elizabeth Trenor	XII/4/386
Viramontes, Maria de la Cruz	XII/4/345	Williams, Frances Marie Marabou	XII/4/456
Vogassaris, Kimon	XII/3/223	Williams, John Burgess	XII/4/473
Vollmer, Arlene Abrams	XII/2/139	Williams, Paul Byron	XII/1/56
Vongverakool, Prachuab	XII/3/225	Williams, Randy Lee	XII/1/56
von Zumwalt, Kathryn Estelle	XII/3/306	Williams, Raymond Earl	XII/3/322
Wait, Tynan Arthur	XII/3/208	Williams, William Thomas	XII/3/244
Walker, Deward Lee	XII/3/196	Wilson Sr., Charles Robert	XII/2/144
Walker, Edith Cundiff	XII/3/219	Wilson, George William	XII/3/240
Walker, III, William Torrey	XII/2/91	Wilson, Roger Dale	XII/2/120
Wallace, Jr., Edwin C.	XII/2/181	Winter, Laura Lee	XII/2/152
Wallace, Robert Monroe	XII/3/286	Winter, Stanley Dale	XII/2/158
Walsh, Brian Charles	XII/3/200	Wirth, Susan Carol Medick	XII/4/486
Warburton, Rex Munn	XII/3/299	Witherspoon, William Orville	XII/3/263
Ward Jr., Irl Eugene	XII/3/204	Witucki, Richard	XII/4/377
Ward, Jr., Montague Richard	XII/4/406	Wolfe, Ted Albert	XII/3/210
Warner, Janel R.	XII/1/55	Wolgarnot, Edgar Kobel	XII/4/482
Warren, O.P., Sister Mary Esther	XII/2/162	Wonacott, Gary Dean	XII/3/242
Warres, Charlene Mae	XII/3/203	Wong, Sidney	XII/4/442
Washburn, Donald Eugene	XII/4/471	Wood, Linda Alice	XII/4/473
		Woodward, Bruce Chesley	XII/2/114
		Woodward, William Stephen	XII/3/208
		Woody, Jeanne A.	XII/4/396

Word, Jr., Jack Quentin	XII/4/356	Young, Vera Nikiforov	XII/2/121
Worful, Stephen Craig	XII/3/263	Yuan, An-Ping	XII/1/5
Workman, Russell Mayfield	XII/3/200	Yuhas, Edward M.	XII/1/49
Wozniakowski, Chester M.	XII/4/437		
Wright, Sharon Elain Wenzl	XII/2/100	Zachry, Barbara Luellen	XII/4/424
Wright, Thomas Harvey	XII/4/346	Zamosky, Alan Stuart	XII/3/307
Wubbena, Richard Lee	XII/2/101	Zane, Thomas Lee	XII/3/315
Yancey, Donna Elaine	XII/4/377	Zapf, Robert John	XII/3/197
Yancey, Gloria Pauline White	XII/3/334	Zarick, Pamela Paige	XII/2/92
Yeatts, Fred Harry	XII/4/369	Zeh, John B.	XII/1/12
Yee, Roger Hon	XII/2/121	Zell, Michael Aaron	XII/4/473
Yew, Iong Uen	XII/4/405	Ziegler, Wilma Zoe	XII/3/307
Yin, Richard Tun-Kwai	XII/4/362	Zimmerman, Karen Voci	XII/4/483
Yost, Betty Kucera	XII/1/12	Zorko, George Mathew	XII/3/283
Young, Herman A.	XII/3/219	Zuercher, Elke	XII/2/155
Young, James Robert	XII/3/307	Zweibach, Stephen M.	XII/3/308